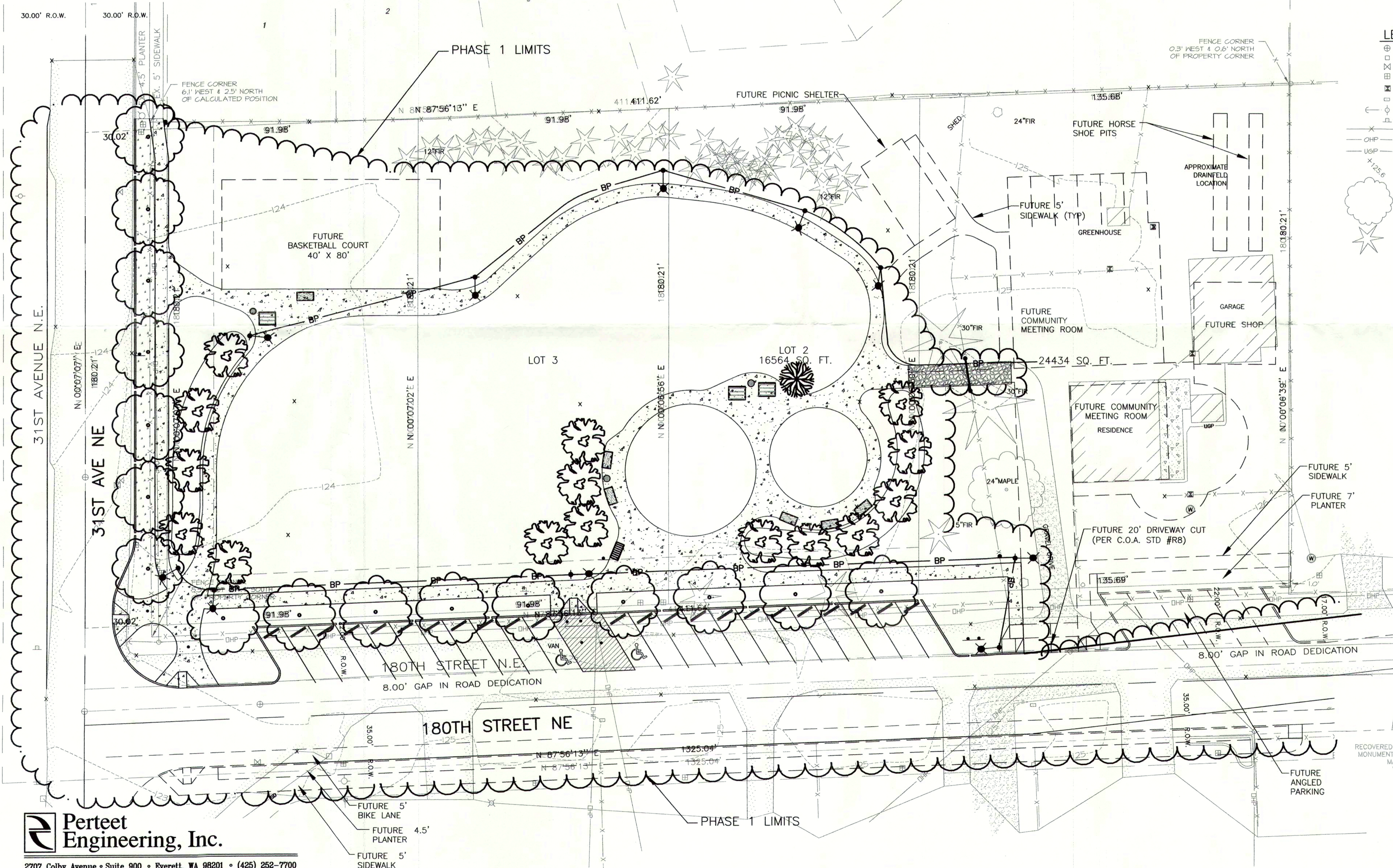
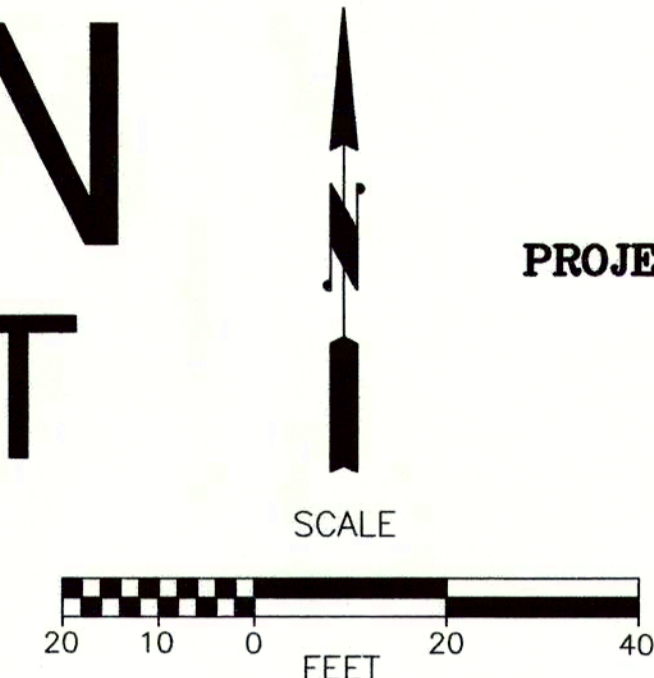
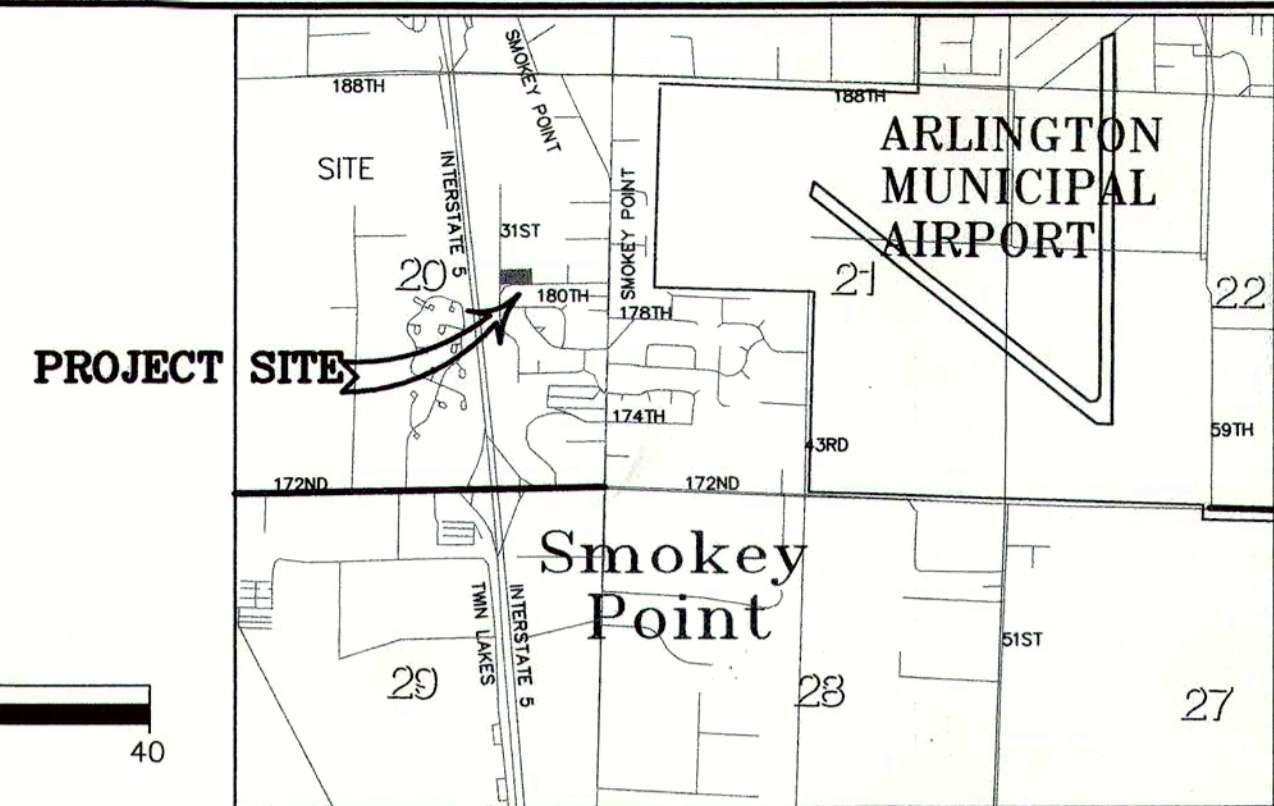


SHEET INDEX

SHEET	TITLE	PAGE
C1	COVER SHEET	1
C2	DIMENSIONAL SITE PLAN	2
C3	GRADING & TESC PLAN	3
C4	FRONTAGE IMPROVEMENTS	4
C5	UTILITY PLAN	5
C6	LANDSCAPE PLAN	6
DTL1	DRAINAGE & LANDSCAPE DETAILS	7
DTL2	STREET FRONTAGE & SIDEWALK DETAILS	8
DTL3	NOTES & DETAILS	9



CITY OF ARLINGTON PUBLIC WORKS DEPARTMENT YORK PARK—PHASE 1



LEGEND
N.T.S.

- EX. SURVEY MONUMENT RECOVERED
- EX. TELEPHONE PEDESTAL
- EX. WATER VALVE
- EX. WATER METER
- EX. HOSE BIB
- EX. MAIL BOX
- EX. POWER POLE W/GUY ANCHOR
- EX. TRAFFIC SIGN
- EX. FENCE
- EX. OVERHEAD POWERLINE
- EX. UNDERGROUND POWERLINE
- EX. SPOT ELEVATION
- FUTURE DEVELOPMENT
- SAWCUT
- EX. MAPLE TREE
- EX. FIR TREE

LEGAL DESCRIPTION
LOT 1, 2, 3 AND 4 OF SHORT PLAT NO ZA 8910445, RECORDED JUNE 21, 1995 UNDER SNOHOMISH COUNTY RECORDING NUMBER 9506210066, BEING A PORTION OF TRACT 8, HIGHWAY HOME SITES, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 11 OF PLATS, PAGE 93, RECORDS OF SNOHOMISH COUNTY, WASHINGTON. SUBJECT TO ALL EASEMENTS, RESTRICTIONS AND RESERVATIONS OF RECORD, IF ANY.

VERTICAL DATUM — CITY OF ARLINGTON
VERTICAL DATUM IS BASED ON A TIE TO CITY OF ARLINGTON AS-BUILT SEWER PLANS FOR SMOKEY POINT BLVD. PROJECT BENCHMARKS ARE LOCATED AS SHOWN HEREON.

UNDERGROUND UTILITY NOTE:
UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED UPON SURFACE INDICATORS. NO UNDERGROUND LOCATE SERVICE WAS UTILIZED FOR THEIR LOCATION. THE USE OF THIS MAP FOR THEIR EXACT LOCATION IS NOT WARRANTED. PRIOR TO CONSTRUCTION USER SHOULD CALL THE UTILITY LOCATE SERVICE AT 1-800-424-5555 48 HOURS BEFORE CONSTRUCTION.

NOTE:
SURVEY PROVIDED BY METRON & ASSOCIATES

CITY OFFICIALS:
MAYOR: BOB KRASKI
COUNCIL MEMBERS: STEVE BAKER, RYAN LARSEN, DAN ANDERSON, SALLY LIEN, MARILYN GIEBEL, OLIVER SMITH, KARL FITTERER

RECEIVED
FEB 02 2004
COA Engineering Dept

Professional Engineer Seal: KRISTAL A. O'NEILL, 36930 REGISTERED PROFESSIONAL ENGINEER, EXPIRES 03/04/07

CALL BEFORE YOU DIG
1-800-424-5555

Pertee Engineering, Inc.
2707 Colby Avenue • Suite 900 • Everett, WA 98201 • (425) 252-7700

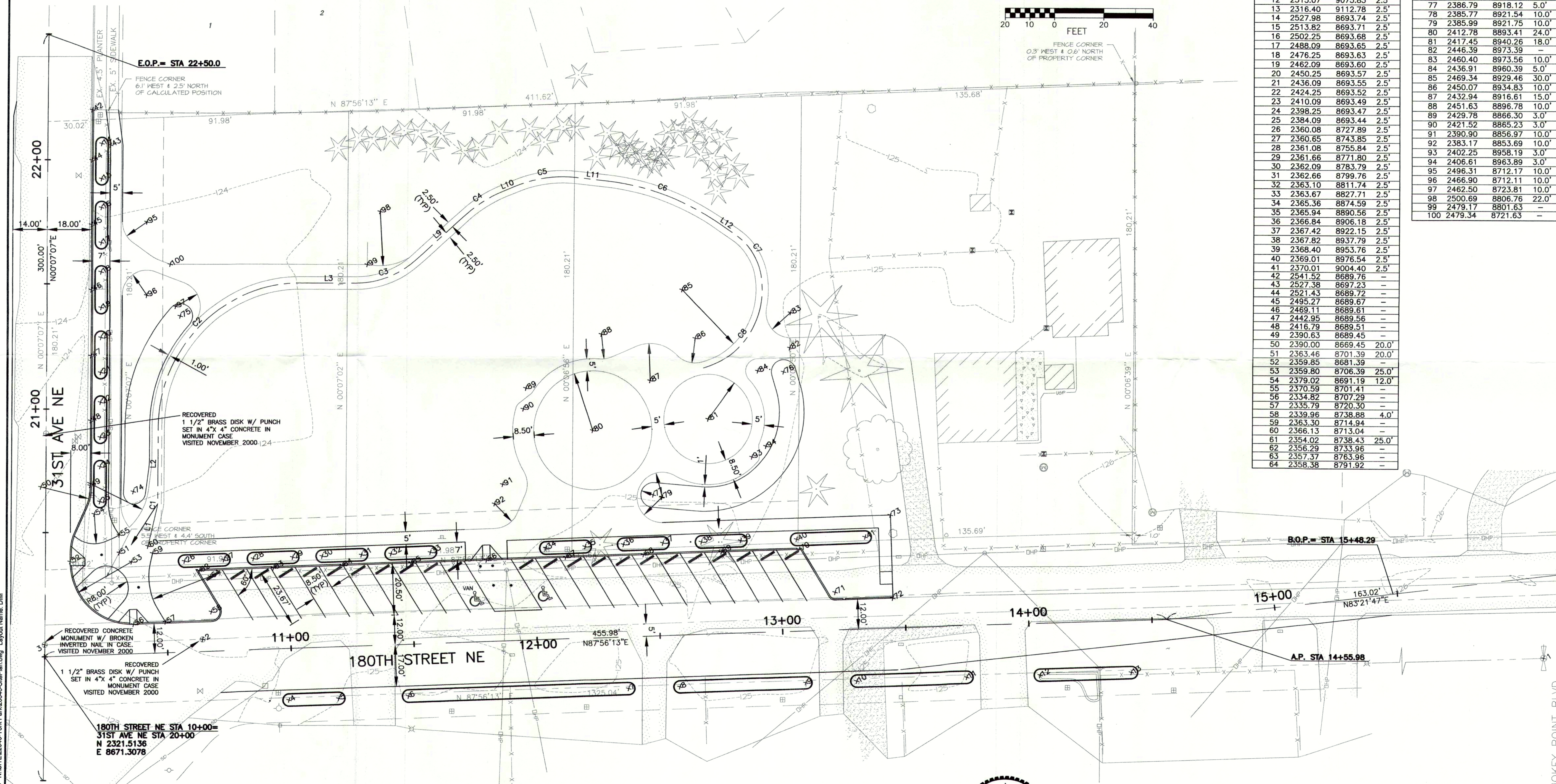
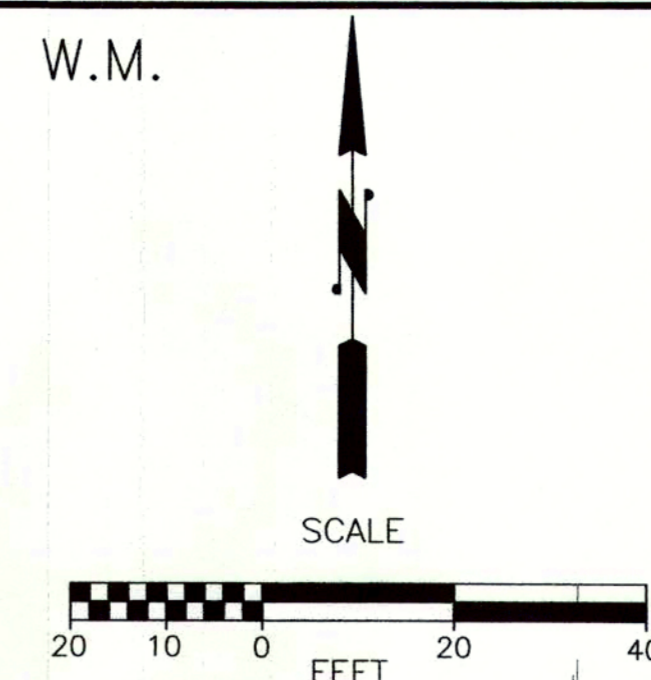
Drawing No. **C1**
Sheet No. **1** of **9**

SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

SIDEWALK C/L LINE TABLE		
LINE	LENGTH	BEARING
L1	14.82	N13°21'16"E
L2	29.79	N00°07'07"E
L3	22.67	S89°52'53"E
L4	28.15	N47°50'31"E
L5	6.07	N67°35'49"E
L6	12.54	S83°40'56"E
L7	10.24	S56°20'53"E

SIDEWALK C/L CURVE TABLE				
CURVE	LENGTH	RADIUS	CENTER OF CURVE	
			NORTHING	EASTING
C1	4.04	17.50	2384.59	8699.44
C2	90.32	57.50	2414.23	8774.50
C3	25.83	35.00	2506.68	8797.36
C4	17.24	50.00	2462.56	8875.28
C5	25.06	50.00	2464.88	8880.89
C6	46.51	97.50	2416.29	8888.13
C7	22.20	25.00	2470.96	8936.83
C8	46.24	32.50	2469.34	8929.46

POINT TABLE			POINT TABLE				
POINT#	NORTHING	EASTING	RADIUS	POINT#	NORTHING	EASTING	RADIUS
1	2349.20	9995.45	-	65	2359.39	8819.87	-
2	2328.78	8735.39	-	66	2360.49	8850.54	-
3	2326.52	8671.28	-	67	2361.65	8882.72	-
4	2304.07	8770.55	2.5'	68	2362.79	8914.32	-
5	2304.80	8790.75	2.5'	69	2363.93	8945.93	-
6	2305.82	8819.11	2.5'	70	2365.07	8977.56	-
7	2309.05	8908.56	2.5'	71	2348.09	8992.33	3.0'
8	2309.80	8929.39	2.5'	72	2345.93	9015.77	-
9	2311.64	8980.59	2.5'	73	2378.91	9014.58	-
10	2312.39	9001.29	2.5'	74	2388.08	8707.01	5.0'
11	2314.00	9045.99	2.5'	75	2458.64	8725.68	5.0'
12	2315.07	9075.83	2.5'	76	2436.56	8970.92	5.0'
13	2316.40	9112.78	2.5'	77	2386.79	8918.12	5.0'
14	2527.98	8693.74	2.5'	78	2385.77	8921.54	10.0'
15	2513.82	8693.71	2.5'	79	2385.99	8921.75	10.0'
16	2502.25	8693.68	2.5'	80	2412.78	8893.41	24.0'
17	2488.09	8693.65	2.5'	81	2417.45	8940.26	18.0'
18	2476.25	8693.63	2.5'	82	2446.39	8973.39	-
19	2462.09	8693.60	2.5'	83	2460.40	8973.56	10.0'
20	2450.25	8693.57	2.5'	84	2436.91	8960.39	5.0'
21	2436.09	8693.55	2.5'	85	2469.34	8929.46	30.0'
22	2424.25	8693.52	2.5'	86	2450.07	8934.83	10.0'
23	2410.09	8693.49	2.5'	87	2432.94	8916.61	15.0'
24	2398.25	8693.47	2.5'	88	2451.63	8896.78	10.0'
25	2384.09	8693.44	2.5'	89	2429.78	8866.30	3.0'
26	2360.08	8727.89	2.5'	90	2421.52	8865.23	3.0'
27	2360.65	8743.85	2.5'	91	2390.90	8856.97	10.0'
28	2361.08	8755.84	2.5'	92	2383.17	8853.69	10.0'
29	2361.66	8771.80	2.5'	93	2402.25	8958.19	3.0'
30	2362.09	8783.79	2.5'	94	2406.61	8963.89	3.0'
31	2362.66	8799.76	2.5'	95	2496.31	8712.17	10.0'
32	2363.10	8811.74	2.5'	96	2466.90	8712.11	10.0'
33	2363.67	8827.71	2.5'	97	2462.50	8723.81	10.0'
34	2365.36	8874.59	2.5'	98	2500.69	8806.76	22.0'
35	2365.94	8890.56	2.5'	99	2479.17	8801.63	-
36	2366.84	8906.18	2.5'	100	2479.34	8721.63	-
37	2367.42	8922.15	2.5'				
38	2367.82	8937.79	2.5'				
39	2368.40	8953.76	2.5'				
40	2369.01	8976.54	2.5'				
41	2370.01	9004.40	2.5'				
42	2541.52	8689.76	-				
43	2527.38	8697.23	-				
44	2521.43	8689.72	-				
45	2495.27	8689.67	-				
46	2469.11	8689.61	-				
47	2442.95	8689.56	-				
48	2416.79	8689.51	-				
49	2390.63	8689.45	-				
50	2390.00	8669.45	20.0'				
51	2363.46	8701.39	20.0'				
52	2359.85	8681.39	-				
53	2359.80	8706.39	25.0'				
54	2379.02	8691.19	12.0'				
55	2370.59	8701.41	-				
56	2334.82	8707.29	-				
57	2335.79	8720.30	-				
58	2339.96	8738.88	4.0'				
59	2363.30	8714.94	-				
60	2366.13	8713.04	-				
61	2354.02	8738.43	25.0'				
62	2356.29	8733.96	-				
63	2357.37	8763.96	-				
64	2358.38	8791.92	-				

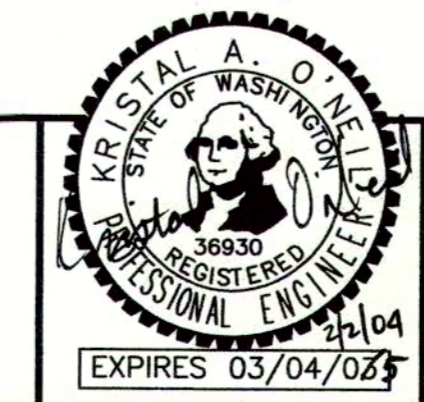


Feb 02, 2004 - 2:51pm mickeyf N:\SITE\22040-York Park\22040-SitePlan.dwg Layout Name: DIM

No.	Date	Revision	By	Appr.

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City of Arlington
 Engineering Division
 238 N. Olympic Ave.
 Arlington, WA 98223



Drawn By	MMB	Date	07/03
Designed By	KAO	Checked By	X
Checked By	X	Approved By	X

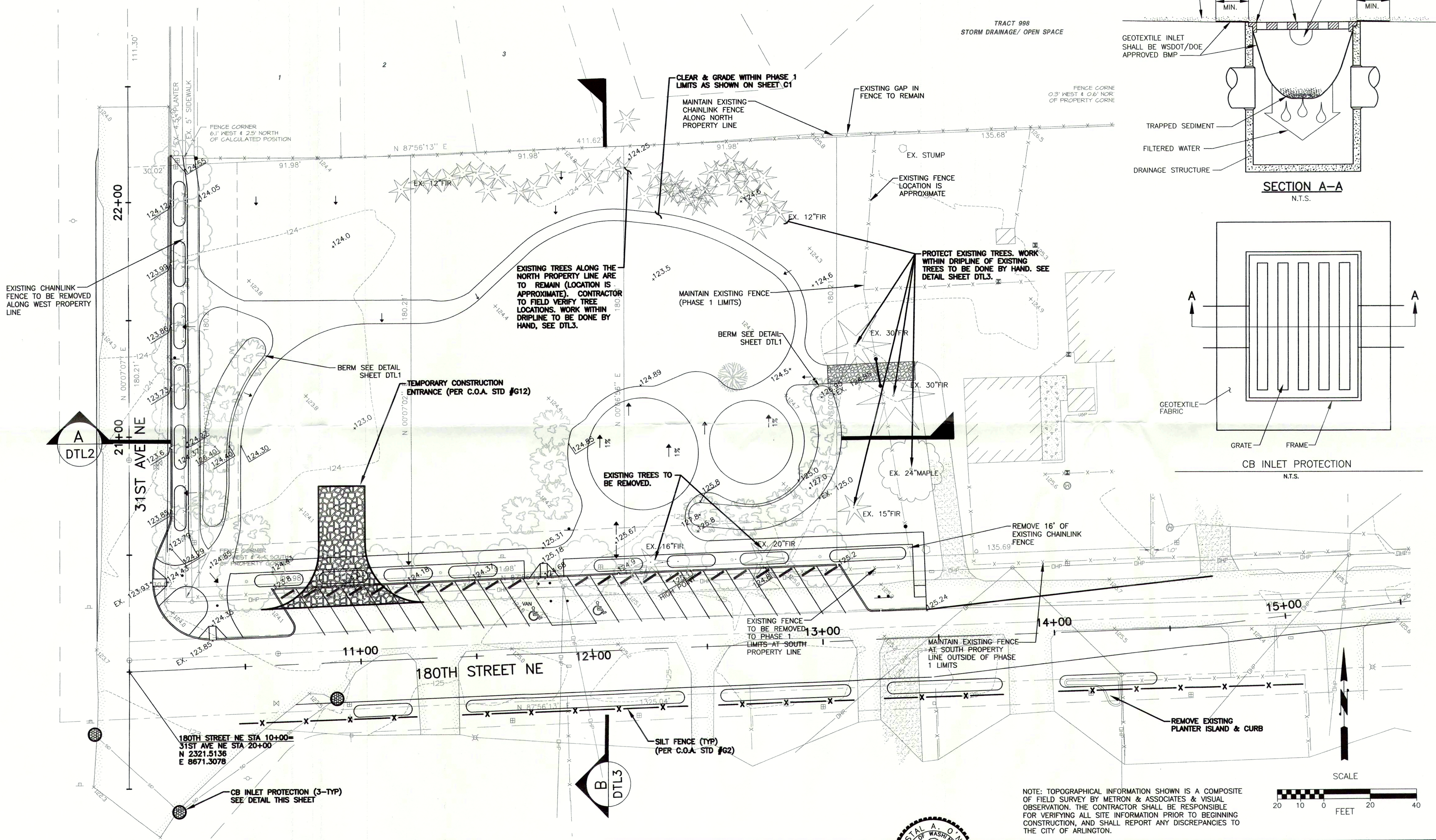
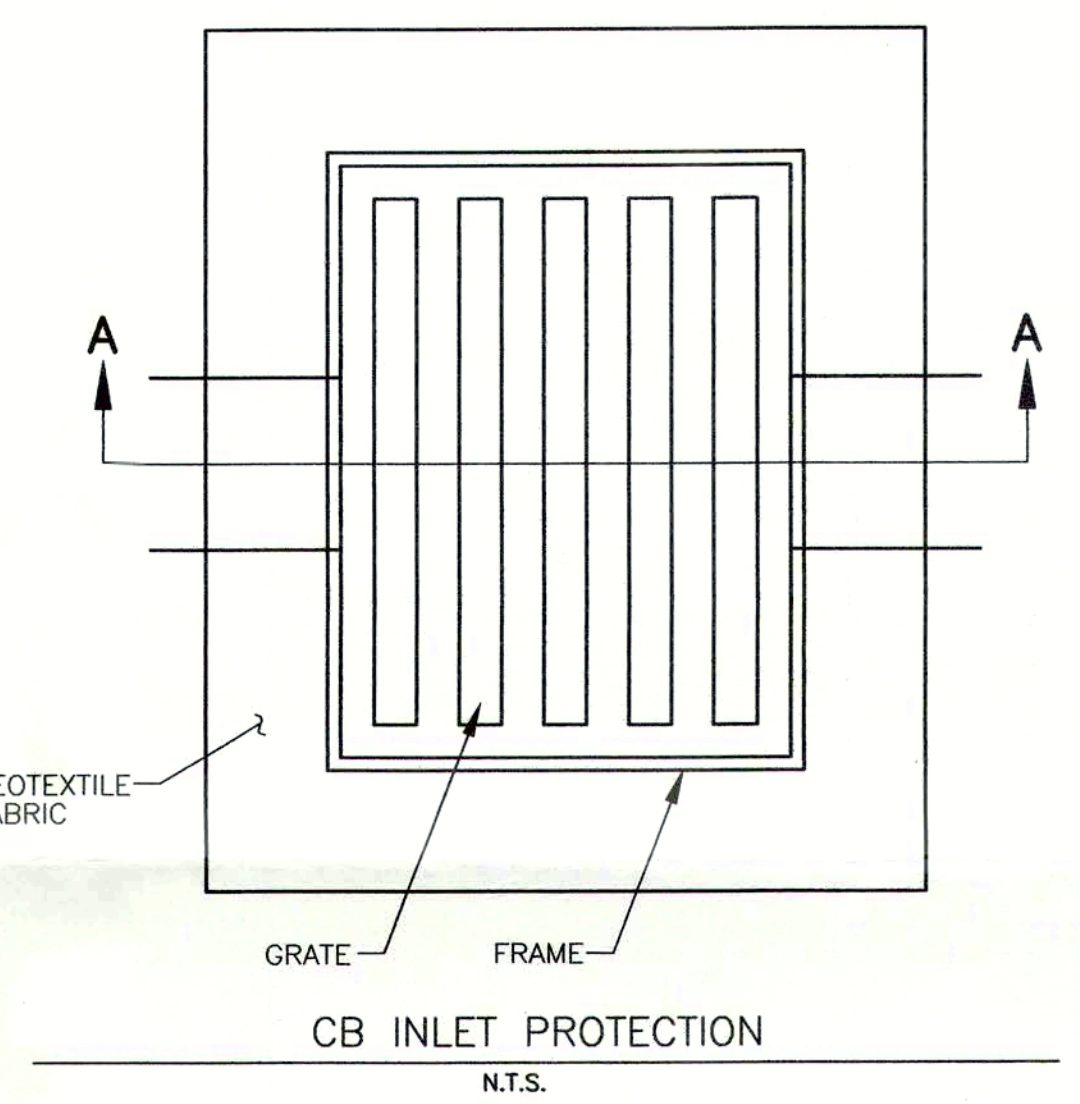
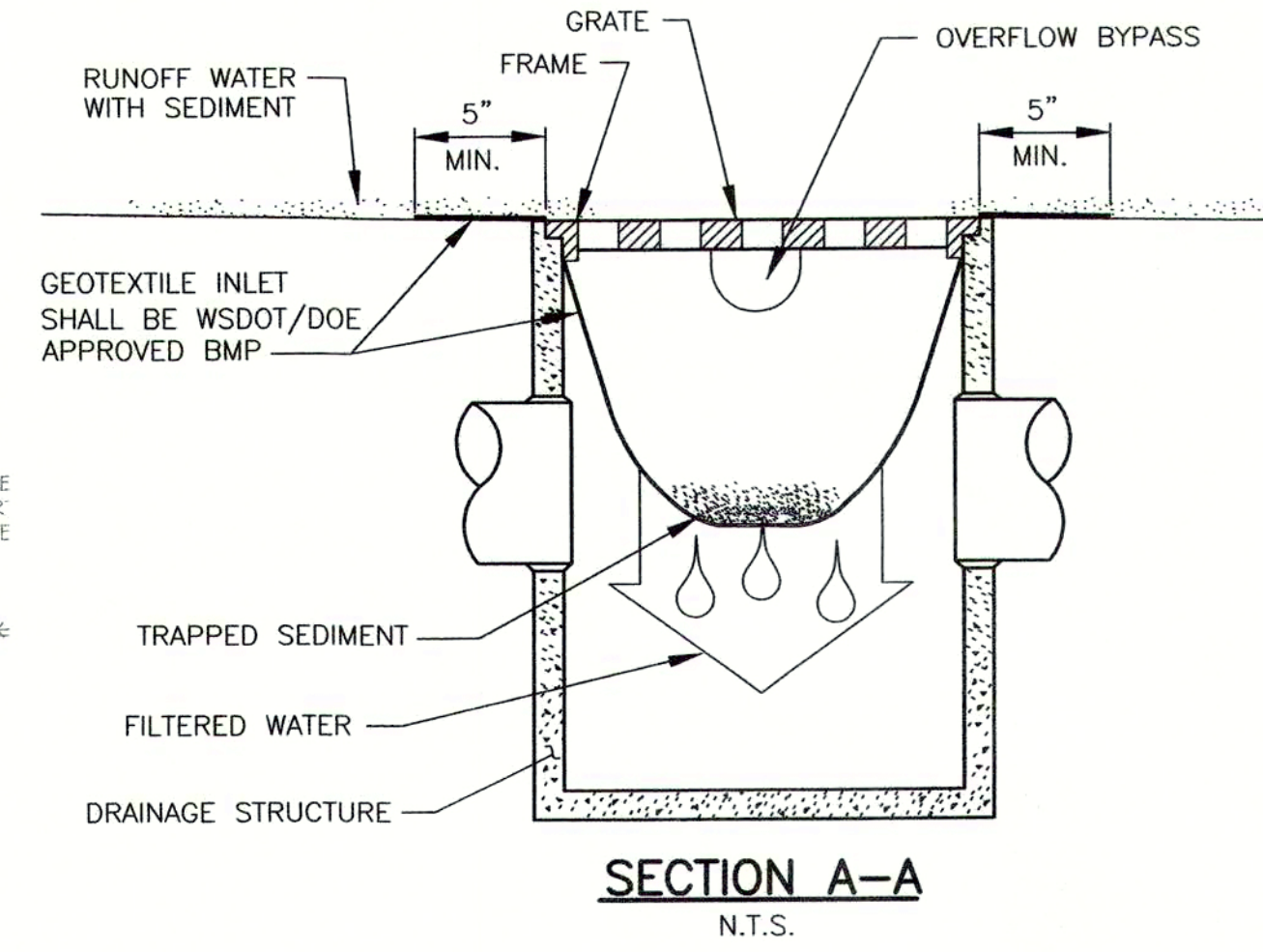
CITY OF ARLINGTON
 YORK PARK-PHASE 1
DIMENSIONAL SITE PLAN

SCALE: Horiz 1"=20', Vert N/A, Project Number 22040

Drawing No. **C2**
 Sheet No. 2 of 9

SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

TRACT 988
STORM DRAINAGE/ OPEN SPACE



NOTE: TOPOGRAPHICAL INFORMATION SHOWN IS A COMPOSITE OF FIELD SURVEY BY METRON & ASSOCIATES & VISUAL OBSERVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SITE INFORMATION PRIOR TO BEGINNING CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES TO THE CITY OF ARLINGTON.

Feb 02 2004 - 3:16pm mickelsh N:\SITE\22040-York Park\2004-SubPlan.dwg Layout Name: GR & TESC

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City of Arlington
Engineering Division
238 N. Olympic Ave.
Arlington, WA 98223



Drawn By	Date
Designed By	07/03
Checked By	X
Approved By	X

SCALE
Horiz 1"=20'
Vert N/A
Project Number 22040

CITY OF ARLINGTON
YORK PARK-PHASE 1
GRADING & TESC PLAN

Drawing No.	C3
Sheet No.	3
of Total	9

SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

TRACT 998
STORM DRAINAGE/ OPEN SPACE

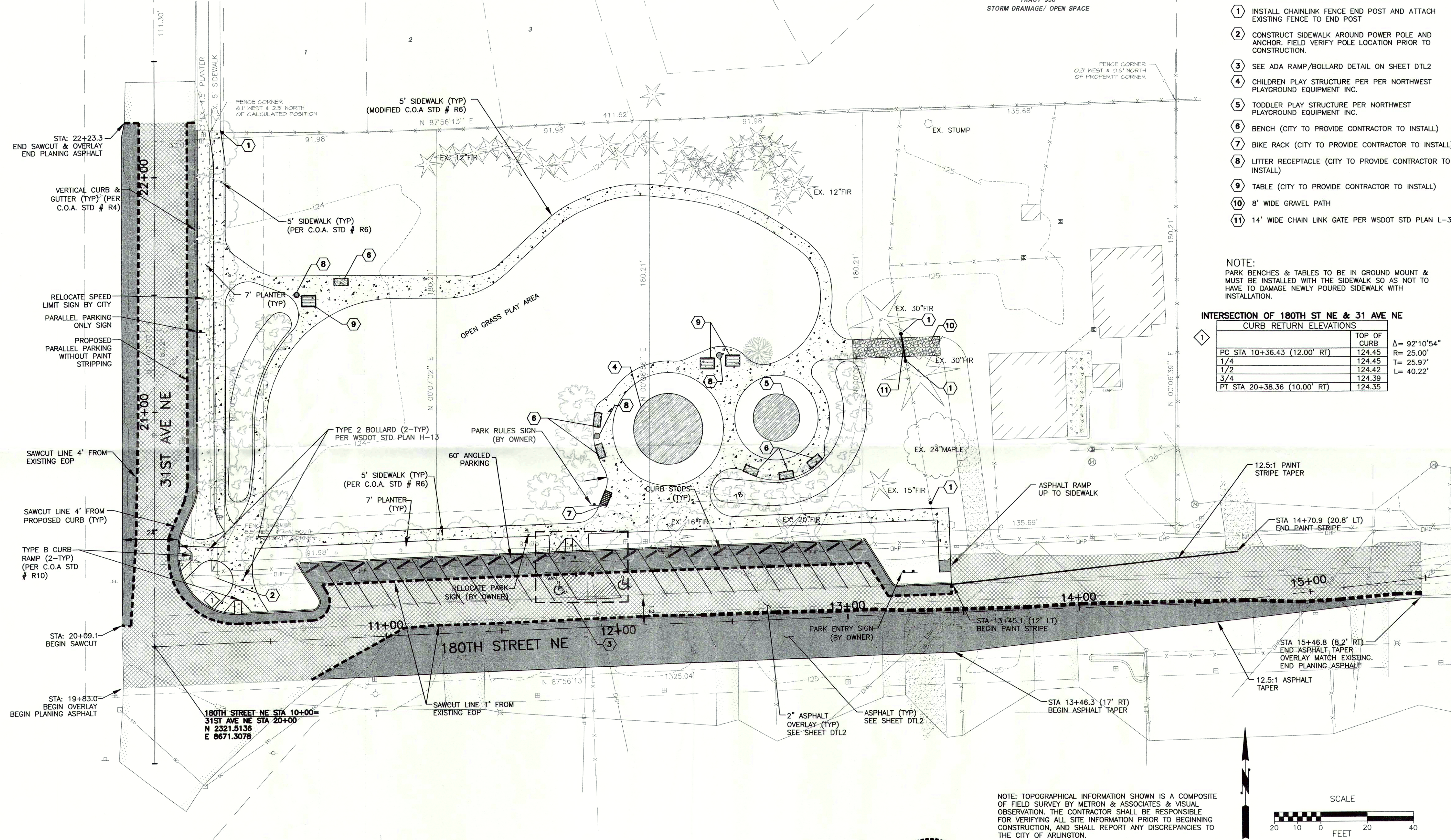
CONSTRUCTION NOTES:

- 1 INSTALL CHAINLINK FENCE END POST AND ATTACH EXISTING FENCE TO END POST
- 2 CONSTRUCT SIDEWALK AROUND POWER POLE AND ANCHOR. FIELD VERIFY POLE LOCATION PRIOR TO CONSTRUCTION.
- 3 SEE ADA RAMP/BOLLARD DETAIL ON SHEET DTL2
- 4 CHILDREN PLAY STRUCTURE PER PER NORTHWEST PLAYGROUND EQUIPMENT INC.
- 5 TODDLER PLAY STRUCTURE PER NORTHWEST PLAYGROUND EQUIPMENT INC.
- 6 BENCH (CITY TO PROVIDE CONTRACTOR TO INSTALL)
- 7 BIKE RACK (CITY TO PROVIDE CONTRACTOR TO INSTALL)
- 8 LITTER RECEPTACLE (CITY TO PROVIDE CONTRACTOR TO INSTALL)
- 9 TABLE (CITY TO PROVIDE CONTRACTOR TO INSTALL)
- 10 8' WIDE GRAVEL PATH
- 11 14' WIDE CHAIN LINK GATE PER WSDOT STD PLAN L-3

NOTE:
PARK BENCHES & TABLES TO BE IN GROUND MOUNT & MUST BE INSTALLED WITH THE SIDEWALK SO AS NOT TO HAVE TO DAMAGE NEWLY POURED SIDEWALK WITH INSTALLATION.

**INTERSECTION OF 180TH ST NE & 31 AVE NE
CURB RETURN ELEVATIONS**

	TOP OF CURB	
PC STA 10+36.43 (12.00' RT)	124.45	Δ = 92'10"54"
1/4	124.45	R = 25.00'
1/2	124.42	T = 25.97'
3/4	124.39	L = 40.22'
PT STA 20+38.36 (10.00' RT)	124.35	



NOTE: TOPOGRAPHICAL INFORMATION SHOWN IS A COMPOSITE OF FIELD SURVEY BY METRON & ASSOCIATES & VISUAL OBSERVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SITE INFORMATION PRIOR TO BEGINNING CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES TO THE CITY OF ARLINGTON.

Feb 02, 2004 - 3:16pm mkeyyb N:\SITE\22040-York Park\22040-SitePlan.dwg Layout Name: FRONTAGE

No.	Date	Revision	By	Appr.

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City of Arlington
Engineering Division
238 N. Olympic Ave.
Arlington, WA 98223

KRISTAL A. O'NEILL
REGISTERED PROFESSIONAL ENGINEER
36930
EXPIRES 03/04/08

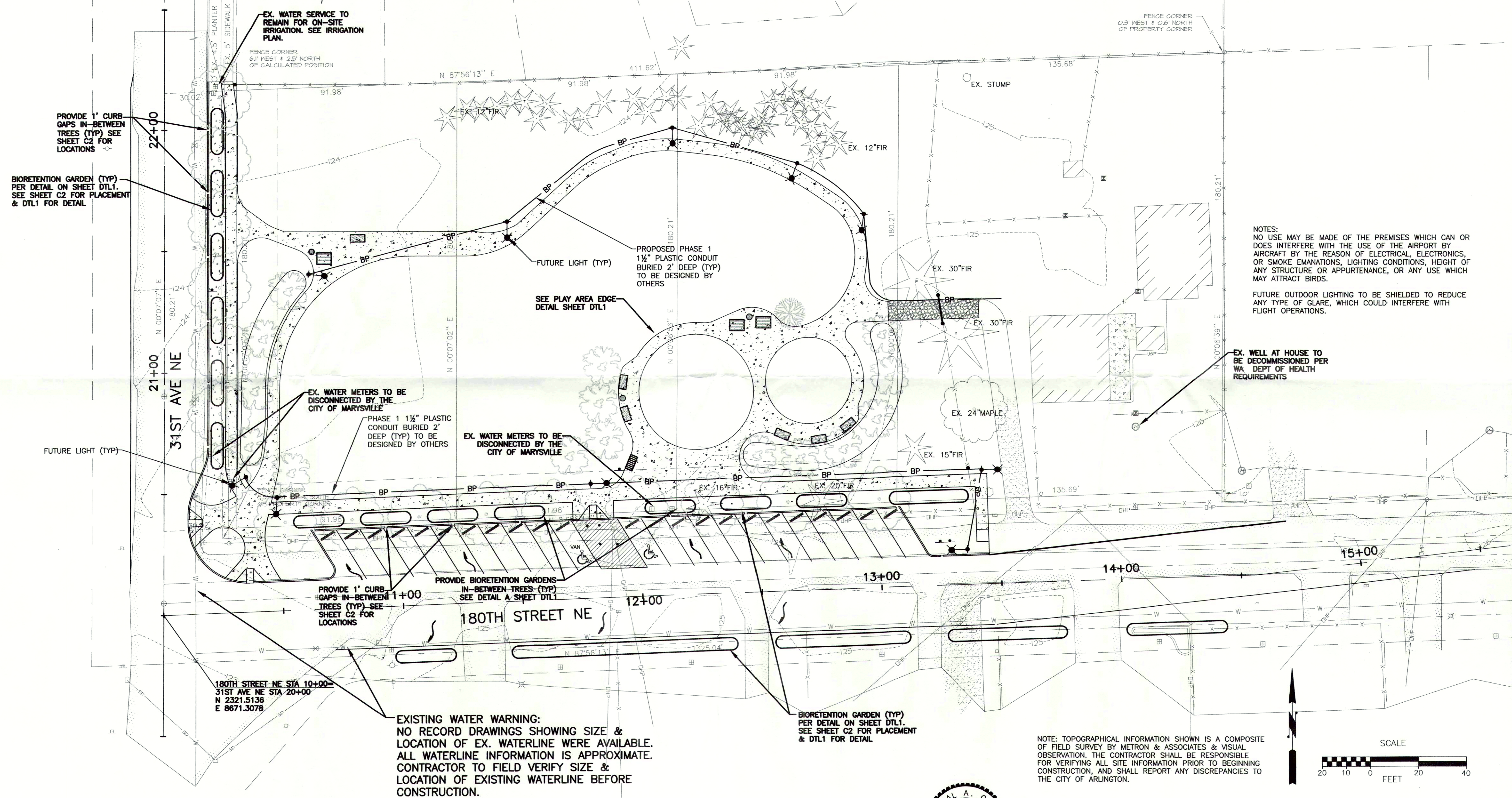
Drawn By	MMB	Date	07/03
Designed By	KAO	Checked By	X
Checked By	X	Approved By	X

CITY OF ARLINGTON
YORK PARK-PHASE 1
FRONTAGE IMPROVEMENTS

Drawing No. **C4**
Sheet No. 4 of 9

SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

TRACT 998
STORM DRAINAGE / OPEN SPACE



NOTES:
NO USE MAY BE MADE OF THE PREMISES WHICH CAN OR DOES INTERFERE WITH THE USE OF THE AIRPORT BY AIRCRAFT BY THE REASON OF ELECTRICAL, ELECTRONICS, OR SMOKE EMANATIONS, LIGHTING CONDITIONS, HEIGHT OF ANY STRUCTURE OR APPURTENANCE, OR ANY USE WHICH MAY ATTRACT BIRDS.

FUTURE OUTDOOR LIGHTING TO BE SHIELDED TO REDUCE ANY TYPE OF GLARE, WHICH COULD INTERFERE WITH FLIGHT OPERATIONS.

EX. WELL AT HOUSE TO BE DECOMMISSIONED PER WA DEPT OF HEALTH REQUIREMENTS

EX. WATER SERVICE TO REMAIN FOR ON-SITE IRRIGATION. SEE IRRIGATION PLAN.

FENCE CORNER 6.1' WEST & 2.5' NORTH OF CALCULATED POSITION

FENCE CORNER 0.3' WEST & 0.6' NORTH OF PROPERTY CORNER

PROVIDE 1' CURB-GAPS IN-BETWEEN TREES (TYP) SEE SHEET C2 FOR LOCATIONS

BIORETENTION GARDEN (TYP) PER DETAIL ON SHEET DTL1. SEE SHEET C2 FOR PLACEMENT & DTL1 FOR DETAIL

PROPOSED PHASE 1 1 1/2" PLASTIC CONDUIT BURIED 2' DEEP (TYP) TO BE DESIGNED BY OTHERS

SEE PLAY AREA EDGE-DETAIL SHEET DTL1

EX. WATER METERS TO BE DISCONNECTED BY THE CITY OF MARYSVILLE

PHASE 1 1 1/2" PLASTIC CONDUIT BURIED 2' DEEP (TYP) TO BE DESIGNED BY OTHERS

EX. WATER METERS TO BE DISCONNECTED BY THE CITY OF MARYSVILLE

FUTURE LIGHT (TYP)

PROVIDE 1' CURB-GAPS IN-BETWEEN TREES (TYP) SEE SHEET C2 FOR LOCATIONS

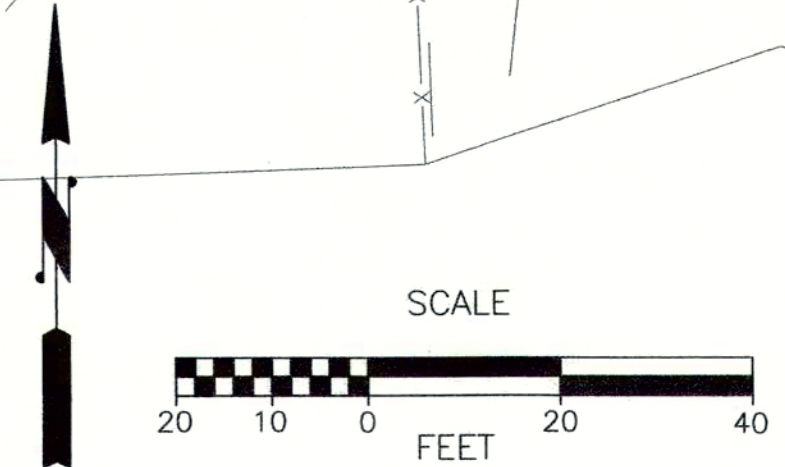
PROVIDE BIORETENTION GARDENS IN-BETWEEN TREES (TYP) SEE DETAIL A SHEET DTL1

180TH STREET NE STA 10+00= 31ST AVE NE STA 20+00
N 2321.5136
E 8671.3078

EXISTING WATER WARNING:
NO RECORD DRAWINGS SHOWING SIZE & LOCATION OF EX. WATERLINE WERE AVAILABLE. ALL WATERLINE INFORMATION IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY SIZE & LOCATION OF EXISTING WATERLINE BEFORE CONSTRUCTION.

BIORETENTION GARDEN (TYP) PER DETAIL ON SHEET DTL1. SEE SHEET C2 FOR PLACEMENT & DTL1 FOR DETAIL

NOTE: TOPOGRAPHICAL INFORMATION SHOWN IS A COMPOSITE OF FIELD SURVEY BY METRON & ASSOCIATES & VISUAL OBSERVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SITE INFORMATION PRIOR TO BEGINNING CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES TO THE CITY OF ARLINGTON.



Feb 02, 2004 - 3:16pm mickeyb N:\SITE\22040-York Park\2040-UtilPlan.dwg Layout Name: UTILITY

No.	Date	Revision	By	Appr.

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City of Arlington Engineering Division
238 N. Olympic Ave.
Arlington, WA 98223



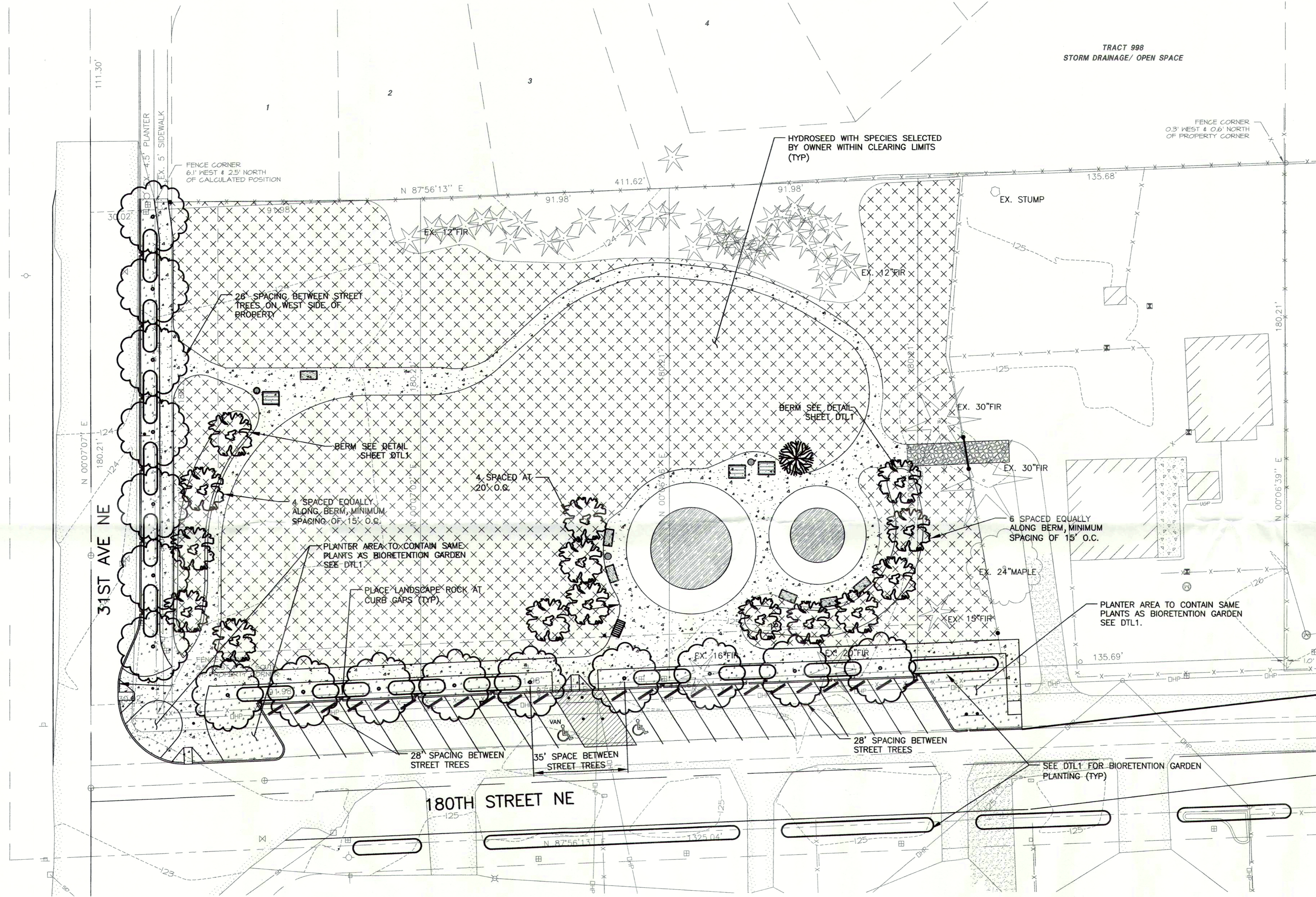
Drawn By	Date	SCALE
MME	07/03	Horiz 1"=20'
Designed By		Vert
KAO	X	N/A
Checked By		Project Number
X	X	22040
Approved By		

CITY OF ARLINGTON
YORK PARK-PHASE 1
DRAINAGE & UTILITY PLAN

Drawing No.	C5
Sheet No.	5 of 9




SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

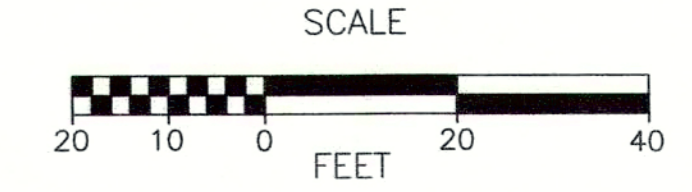
TRACT 998
STORM DRAINAGE/ OPEN SPACE



NOTE: ALL LAWN AREA TO BE RAKED FREE OF ROCKS & DEBRIS OVER 1 INCH IN SIZE.
ALL TOPSOIL IN LAWN AREAS IS TO BE BROUGHT UP FLUSH WITH THE TOP OF ANY CONCRETE OR BLACKTOP SURFACE.

TREE LEGEND

-  SCARLET MAPLE
-  SWEET GUM
-  ZELKOVA



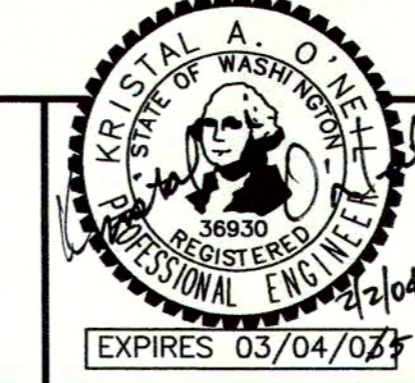
NOTE: TOPOGRAPHICAL INFORMATION SHOWN IS A COMPOSITE OF FIELD SURVEY BY METRON & ASSOCIATES & VISUAL OBSERVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL SITE INFORMATION PRIOR TO BEGINNING CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES TO THE CITY OF ARLINGTON.

Feb 02, 2004 - 3:15pm mickelb N:\SITE\22040-York Park\20040-SitePlan.dwg Layout Name: LANDSCAPE

No.	Date	Revision	By	Appr.

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City of Arlington
Engineering Division
238 N. Olympic Ave.
Arlington, WA 98223



Drawn By	Date
Designed By	07/03
Checked By	X
Approved By	X

SCALE
Horiz 1"=20'
Vert N/A
Project Number 22040

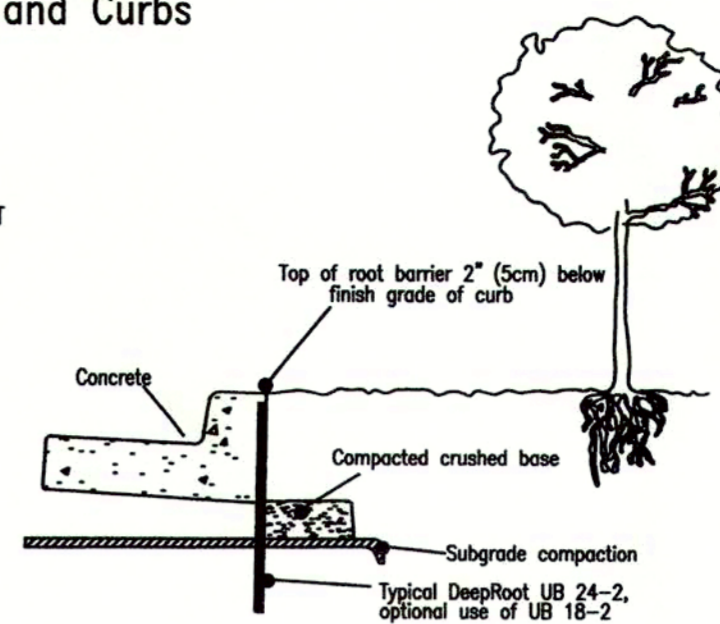
CITY OF ARLINGTON
YORK PARK-PHASE 1
LANDSCAPE PLAN

Drawing No.	C6
Sheet No.	6 of 9

Linear Application of DeepRoot Tree Root Barriers at Time of Installing Concrete Sidewalks and Curbs

TYPICAL SECTION OF CURB AND GUTTER WITH DEEPROOT TREE ROOT BARRIER INSET INTO CONCRETE. BARRIER INSTALLED IN A TRENCH IN SUBGRADE WHICH IS THEN COMPACTED. BARRIER IS SET SO THAT TOP EDGE WILL BE 2" (5CM) BELOW FINISH GRADE OF CURB, AND SET FLUSH WITH EDGE OF CURB. BARRIER RIBS FACE TOWARD TREE ROOTS.

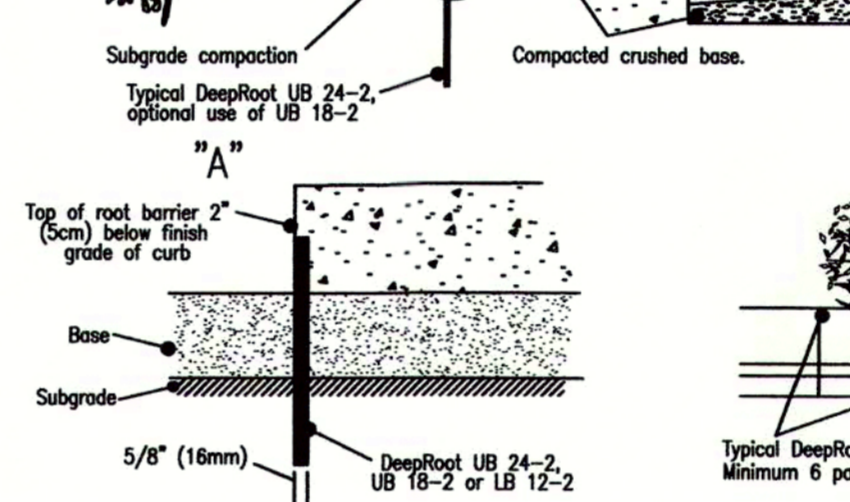
- INSTALLATION SEQUENCE:
1. Prepare base and subgrade
 2. Trench to appropriate depth for installation of root barrier so that top of barrier is 2" (5cm) below finish grade of top of curb.
 3. Place root barrier in trench, vertical ribs must face toward tree roots.
 4. Backfill and compact to requirements.
 5. Place form material against barrier (it may be nailed from the outside of the form)



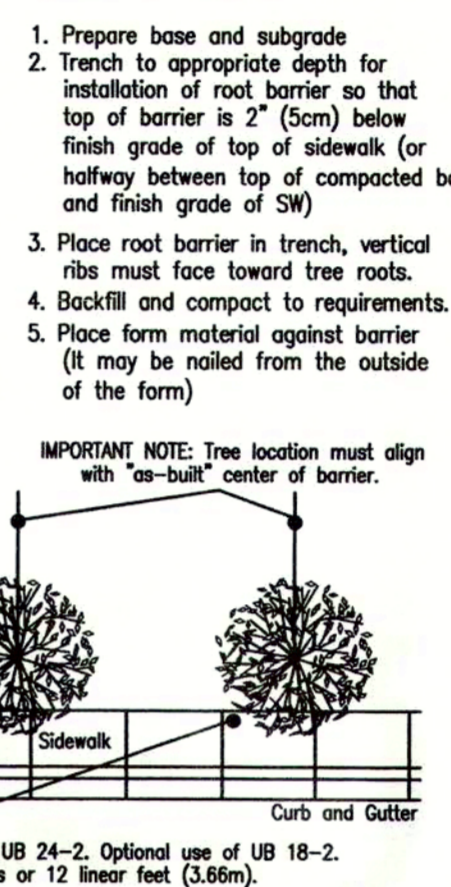
TYPICAL SECTION OF CURB, GUTTER AND SIDEWALK WITH DEEPROOT TREE ROOT BARRIER INSET INTO CONCRETE.

BARRIER INSTALLED IN A TRENCH IN SUBGRADE WHICH IS THEN COMPACTED. BARRIER IS SET SO THAT TOP EDGE WILL BE 2" (5CM) ABOVE COMPACTED BASE (OR HALFWAY BETWEEN BASE AND FINISH GRADE OF SW). BARRIER RIBS FACE TOWARD TREE ROOTS.

- INSTALLATION SEQUENCE:
1. Prepare base and subgrade
 2. Trench to appropriate depth for installation of root barrier so that top of barrier is 2" (5cm) below finish grade of top of sidewalk (or halfway between top of compacted base and finish grade of SW)
 3. Place root barrier in trench, vertical ribs must face toward tree roots.
 4. Backfill and compact to requirements.
 5. Place form material against barrier (it may be nailed from the outside of the form)



IMPORTANT NOTE: Tree location must align with "as-built" center of barrier.



UB 24-2 Specifications
24" DeepRoot Tree Root Barriers

Specified tree root barriers are a mechanical barrier and root deflector to prevent tree roots from damaging hardscapes and landscapes. Assembled in 2' long modules to create varying sizes of cylinders for surrounding root wells (Surround planting style) or for linear applications directly beside a hardscape adjacent to one side of the trees (Linear planting style).

A. Materials
1. The contractor shall furnish and install tree root barriers as specified. The tree root barriers shall be product # UB 24-2 as manufactured by Deep Root Partners, L.P. 81 Langton St. #4 San Francisco, CA (800-458-7668), or approved equal. The barrier shall be Black, Injection Molded Panels, of 0.085" (2.16mm) wall thickness in modules 24" (61cm) long by 24" (61cm) deep; manufactured with a minimum 50% post consumer recycled polypropylene plastic with added ultraviolet inhibitors; recyclable. Each panel shall have:

Not less than 4 Molded Integral Vertical Root Deflecting Ribs of at least 0.085" (2.16mm) thickness protruding 1/2" (12.7mm) at 90° from interior of the barrier panel, spaced 6" (15.24cm) apart. (See panel drawing below)

A Double Top Edge consisting of two parallel, integral, horizontal ribs at the top of the panel of a minimum 0.085" (2.16mm) thickness, 3/8" (9.53mm) wide and 1/4" (6.35mm) apart with the lower rib attached to the vertical root deflecting ribs. (See detail "A")

A minimum of 9 Anti-Lift Ground Lock Tabs consisting of integral horizontal ridges of a minimum 0.085" (2.16mm) thickness in the shape of a segment of a circle, the 2" (50.8mm) chord of the segment joining the panel wall and the segment, protruding 3/8" (9.53mm) from the panel. The nine ground locks on each panel shall be about equally spaced between each of the vertical root deflecting ribs (3 between each set of ribs, see Detail "B").

An Integrated Zipper Joining System providing for instant assembly by sliding one panel into another. (See Detail "C")

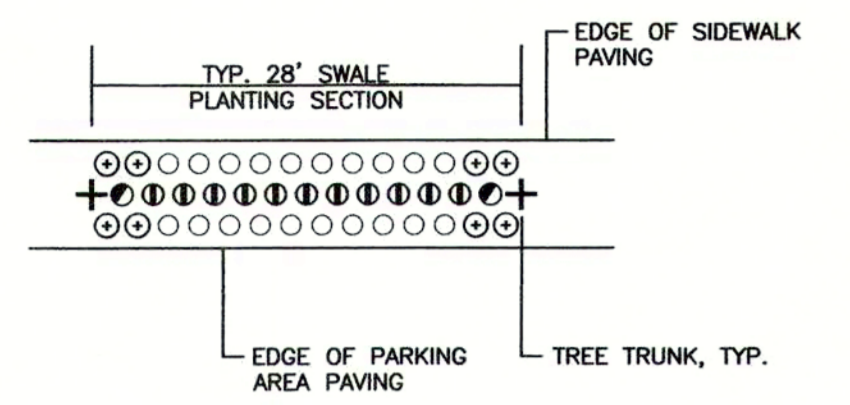
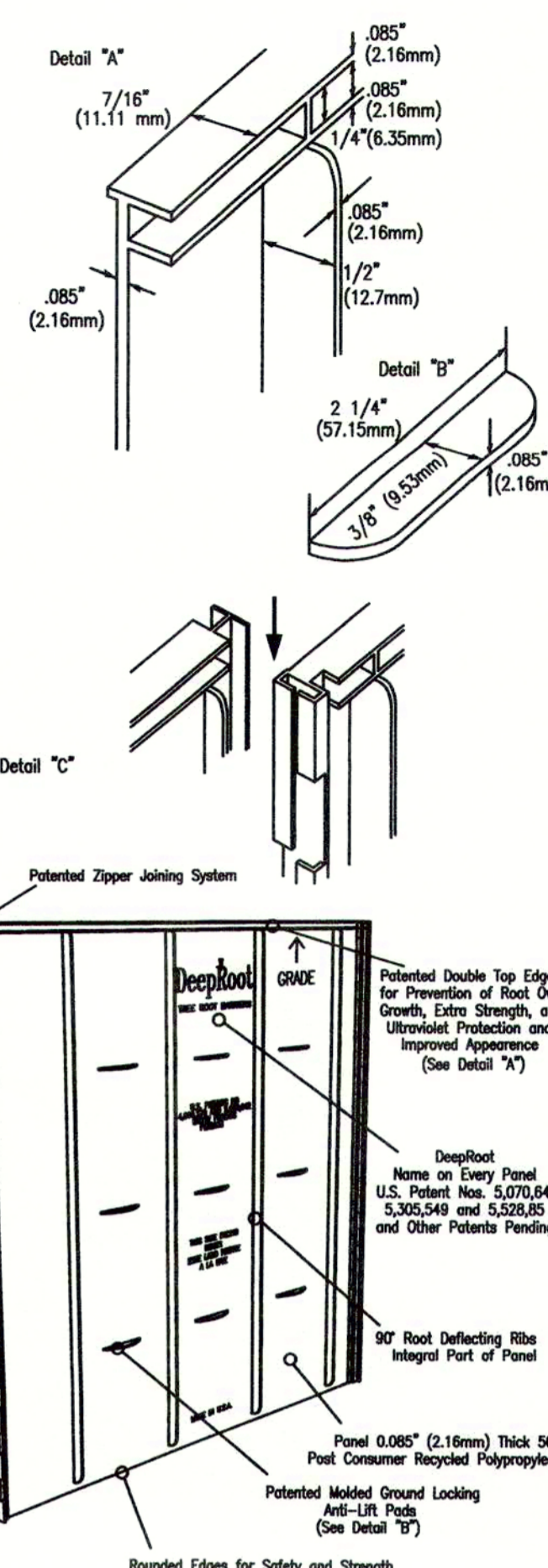
2. The basic properties of the material shall be:

Test	ASTM Test Method	Typical Value	Copolymer Polypropylene
Tensile strength @ yield - Wall	D638	2,354 PSI	
Tensile strength @ yield - Hinge	D638	2,846 PSI	
Yield Elongation - Wall	D638	7.44%	
Yield Elongation - Hinge	D638	7.01%	
Flexural Modulus	D790B	119,625 PSI	
Notched Izod Impact - Wall	D256A	3.84 (ft-lb)	
Rockwell Hardness r. scale - Wall	D785A	84.4	

U.S. Patents: 5,070,642, 5,305,549 and 5,528,857. Other Patents Pending.

B. Construction and Installation

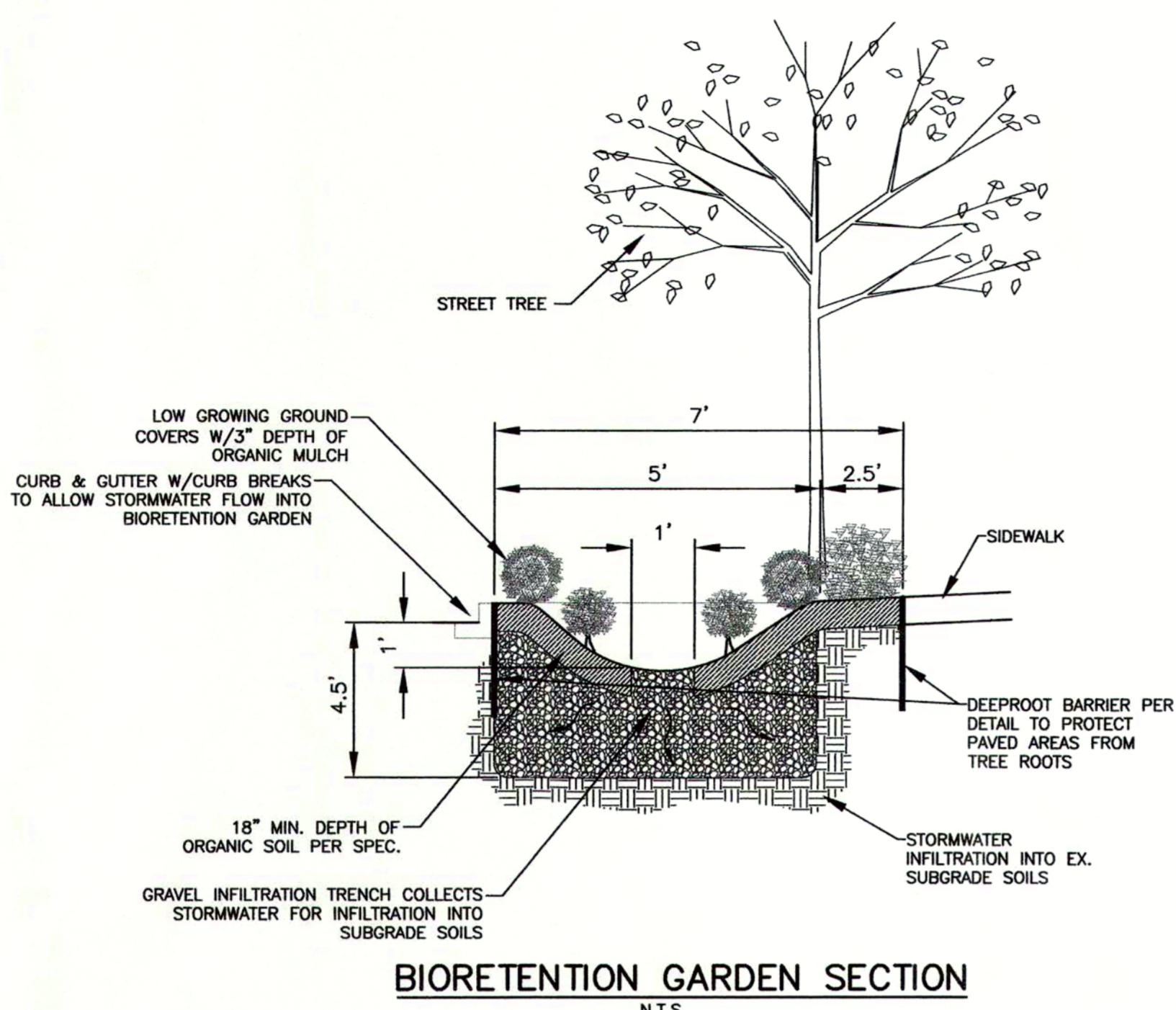
1. The contractor shall install the tree root barriers in the number of panels and in the manner shown on the Drawings. The vertical root deflecting ribs shall be facing inward to the root well and the double top edge shall be 1/2" (12.7mm) above grade. Each of the required number of panels shall be connected to form a circle around the root well or joined in a linear fashion and placed along the adjacent hardscape.
2. Excavation and soil preparation shall conform to the Drawings



TYPICAL 28' SWALE PLANTING SCHEDULE

SYM.	QTY.	SCIENTIFIC/Common Name	SIZE/REMARKS
GROUNDCOVERS			
①	11	Carex marrovii 'Ice Dance' / ICE DANCE SEDGE	1 Gal. Cont.; Full, well branched, & well rooted.
②	8	Arctostaphylos Uva Ursi 'Vancouver Jade' / VANCOUVER JADE KINKINICK	1 Gal. Cont.; Full, well branched, & well rooted.
③	20	Geranium macrorrhizum 'Ingwersens Variety' / INGWERSENS CRANEBILL	1 Gal. Cont.; Full, well branched, & well rooted.
④	2	Gaultheria shallon / SALAL	1 Gal. Cont.; Full, well branched, & well rooted.

BIORETENTION GARDEN



Linear Style Planting with DeepRoot Barriers

Determine the correct number of panels to be used. Depending upon the actual planting plan and the number of trees involved the length of linear barrier will vary, but as a general rule of thumb take the anticipated mature canopy diameter of the tree and add 2 feet (61cm). This will be the number of feet necessary for a Linear style planting application. (See chart below.)

- A. Choose the barrier that best suits the application. Generally if a sidewalk, patio or driveway is to be protected, 18" (46cm) (UB 18-2) is sufficient depth with 12" (30cm) (LB 12-2) as an alternate choice for non-aggressive, deeper rooting trees. However for curb and gutter protection or more aggressive roots 24" (61cm) (UB 24-2) is generally the better choice.

- B. Dig the trench to the depth based upon the particular barrier chosen.

- C. Next place the barrier in the trench with the vertical ribs facing toward the tree and align in a straight fashion. It is helpful to place the barrier against the hardscape. Use the hardscape as a guide and backfill against the barriers to promote a clean smooth fit to the hardscape. Be sure to keep the barrier's double top edge at least 1/2" (13mm) above grade to ensure roots do not grow over the top.
- D. Plant the tree(s). The Linear style offers a more expansive rooting growth area, however adverse soil and drainage conditions may exist in the actual planting area. Take steps to ensure healthy growth of the tree at planting. Consult with a local arborist for planting tips and recommendations.

- E. If staking or guying is required we recommend using the soft, safe and economical alternative to traditional wire and hose, ArborTie (see www.deeproot.com for details).

- F. If the tree(s) will be subject to maintenance work such as lawn mowing or weed trimming we strongly recommend the installation of ArborGard+ Tree Trunk Protectors which are placed around the base of young trees to protect them from damage by weed trimmers, lawn mowers and small rodents. (See www.deeproot.com)

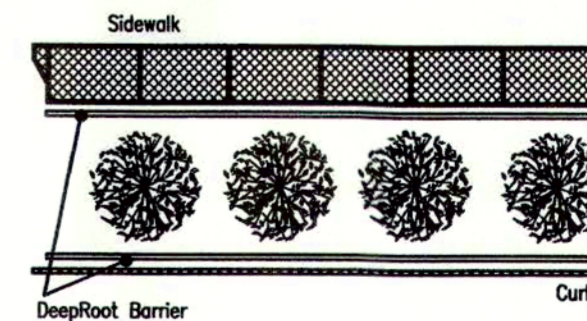
For additional information please visit our website at www.deeproot.com

For information regarding distributors please call: 1 800 ILV ROOT (458.7668). For help with drainage or other difficult installation questions please call DeepRoot Technical Support at: 1 800 ROOT TEK (766.8835).

For a simple formula to determine the quantity of panels required for a Linear application use:
Estimated Diameter of the Tree Canopy at Maturity + 2' (61cm) = Length of Barrier per Side.

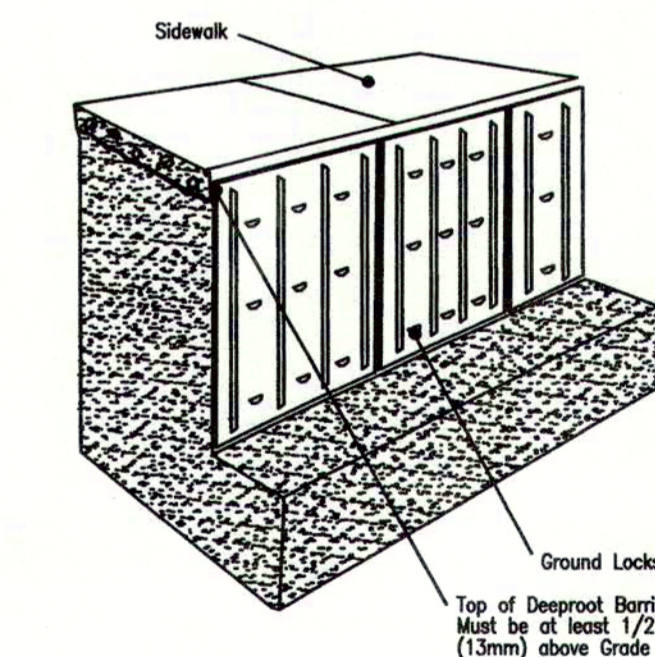
For One Side of Tree	Expected Tree Canopy at Maturity	Feet of Barrier	Number of Panels
12' (3.6m) Dia. + 2' (61cm) = 14' (4.2m)	14' (4.2m)	7 Panels	
18' (5.5m) Dia. + 2' (61cm) = 20' (6.1m)	20' (6.1m)	10 Panels	
24' (7.3m) Dia. + 2' (61cm) = 26' (7.9m)	26' (7.9m)	13 Panels	

Packaging:
LB 12-2 40 panels (80' linear ft) / Carton
UB 18-2 26 panels (52' linear ft) / Carton
UB 24-2 20 panels (40' linear ft) / Carton
Line can be separated at any two foot interval.

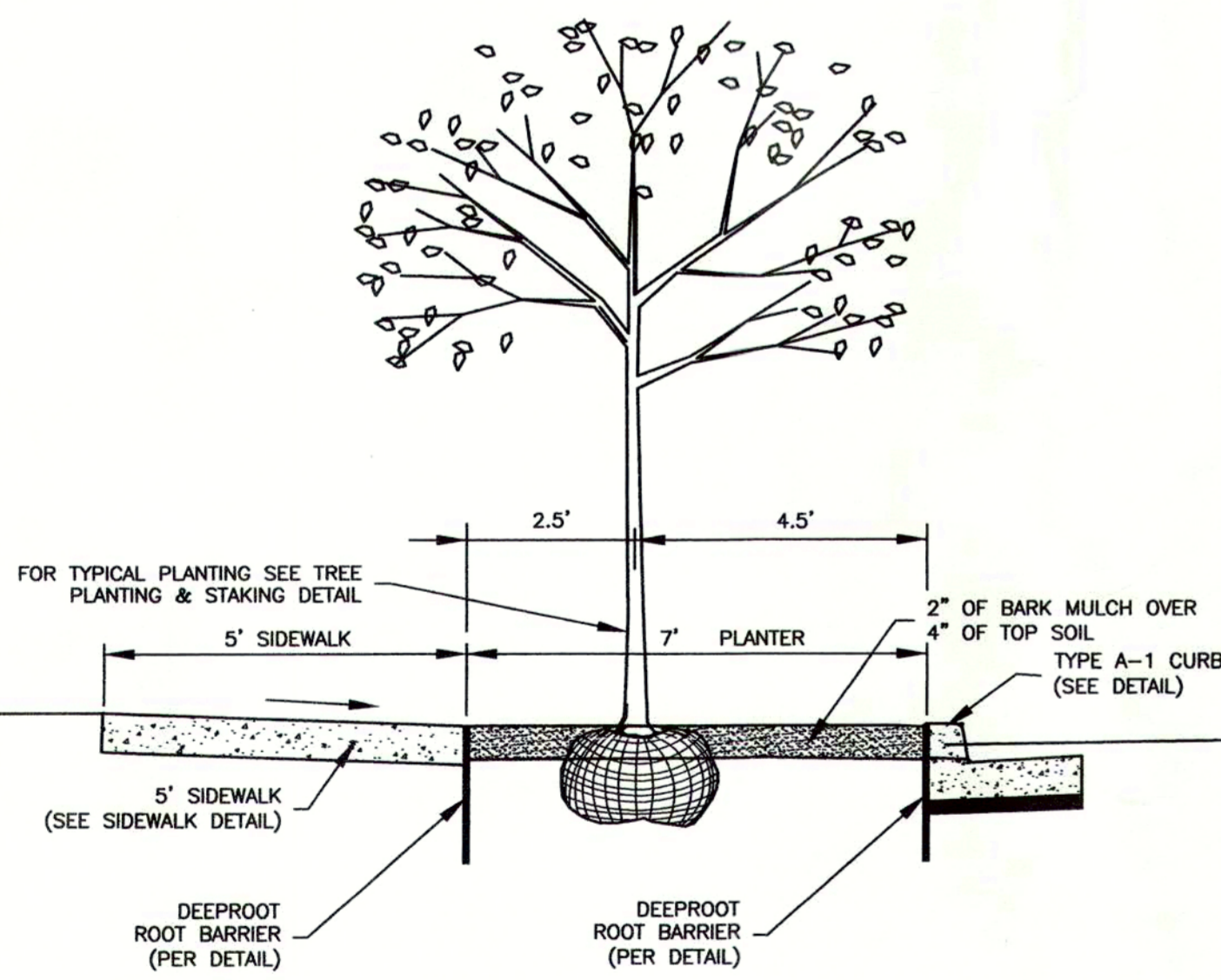


As little as one side of the tree may need barrier for root direction as there may be no hardscape elsewhere requiring protection.

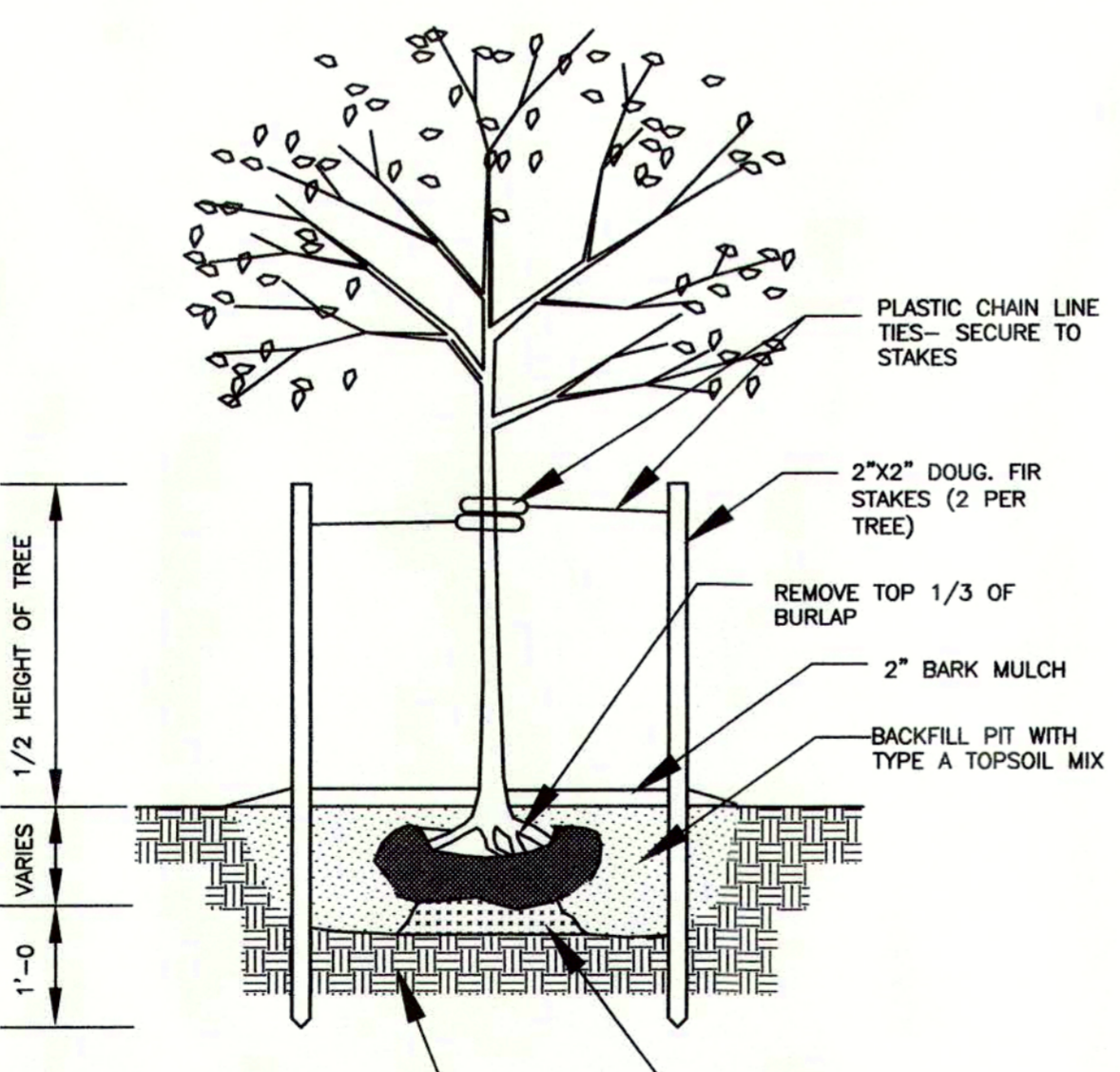
DeepRoot LB 12-2, UB 18-2 or UB 24-2



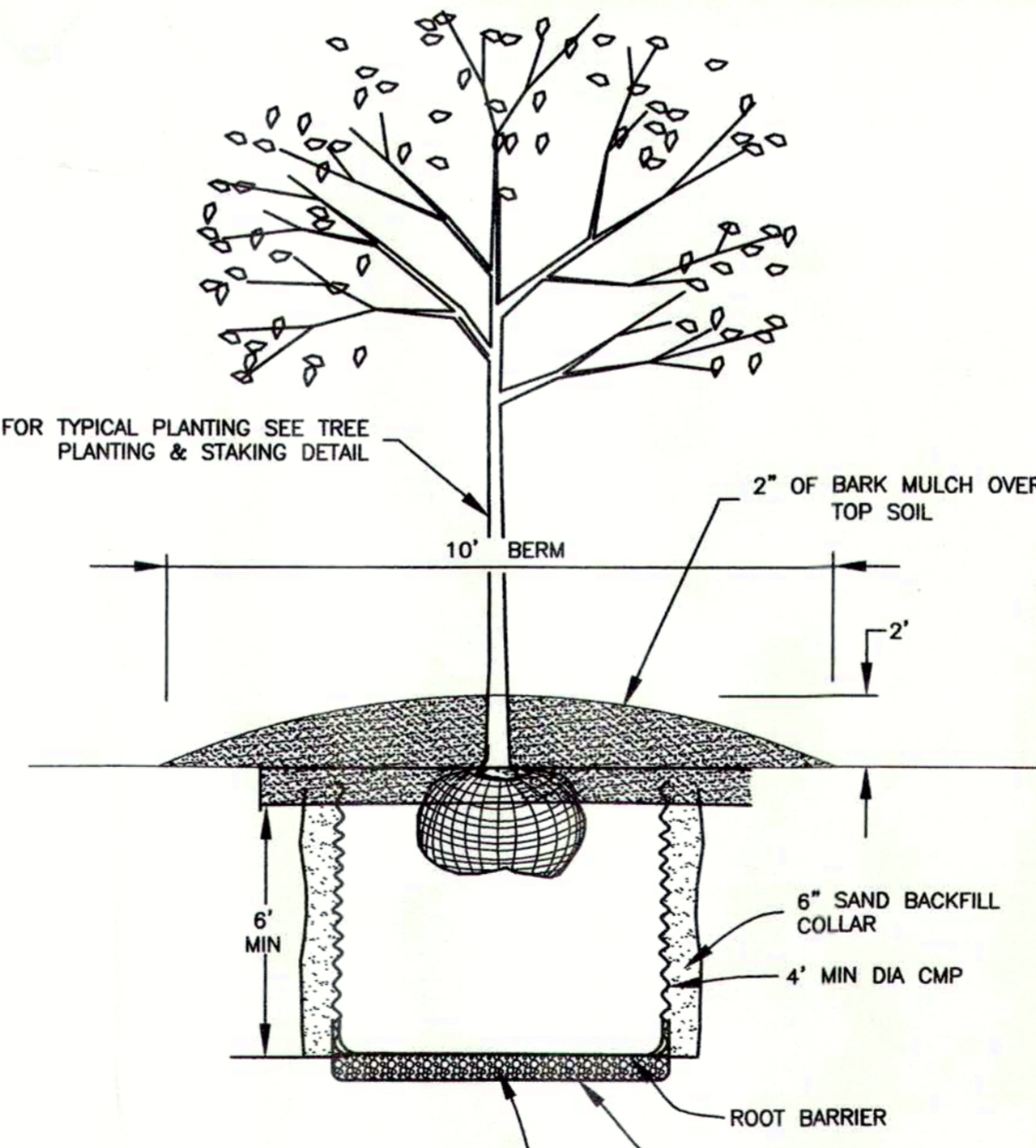
DEEPROOT ROOT BARRIER DETAIL



TREE IN PLANTER STRIP



TREE PLANTING AND STAKING DETAIL



BERM DETAIL

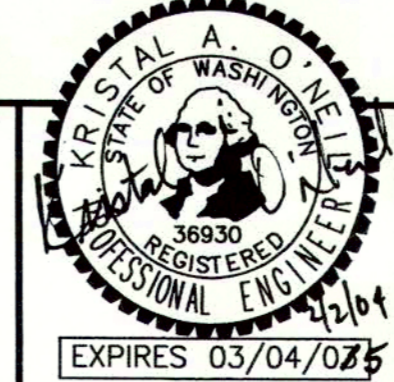
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Arlington, WA 98223



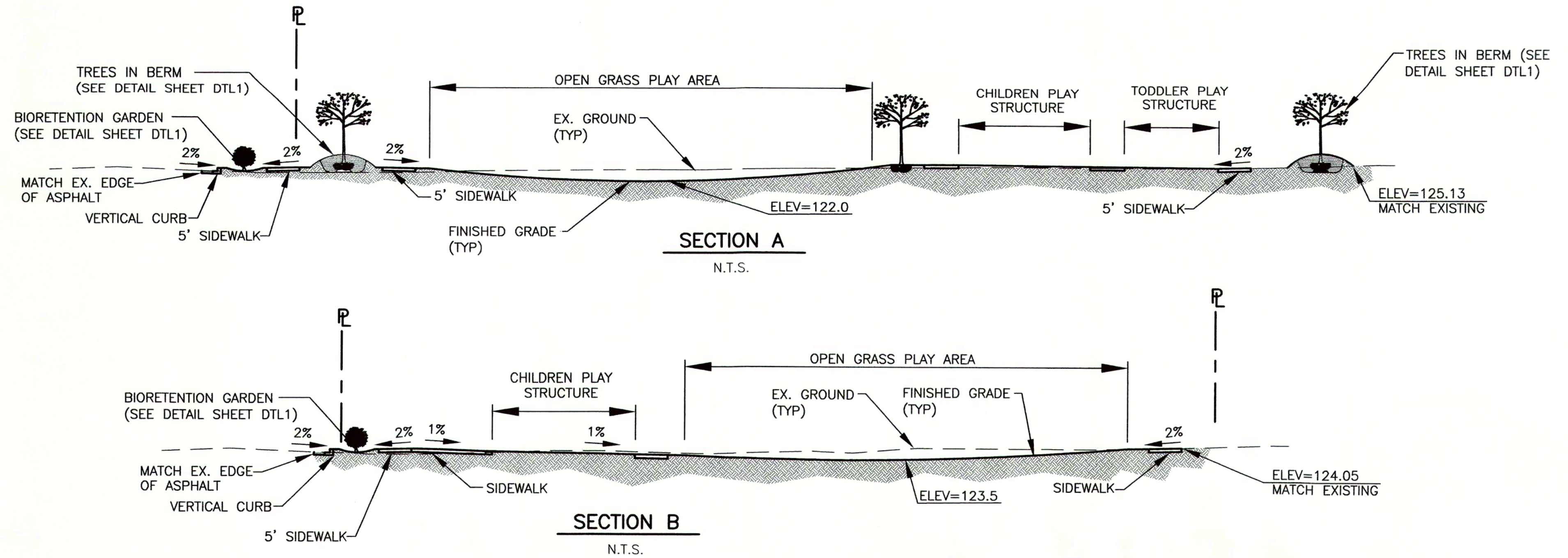
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Designed By	KAQ	Checked By	X
Checked By	X	Approved By	X

SCALE	Horiz	N/A
	Vert	N/A
	Project Number	22040

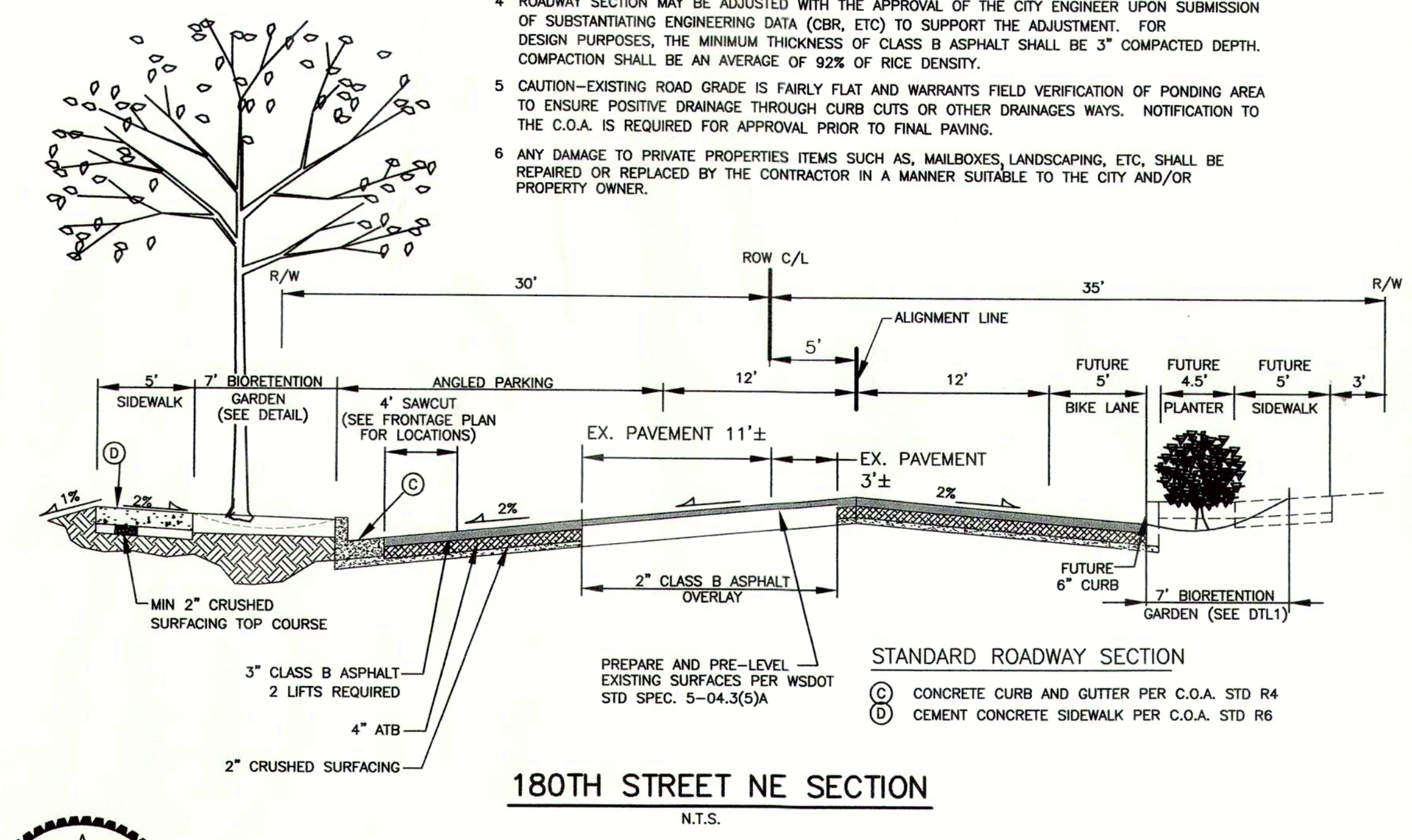
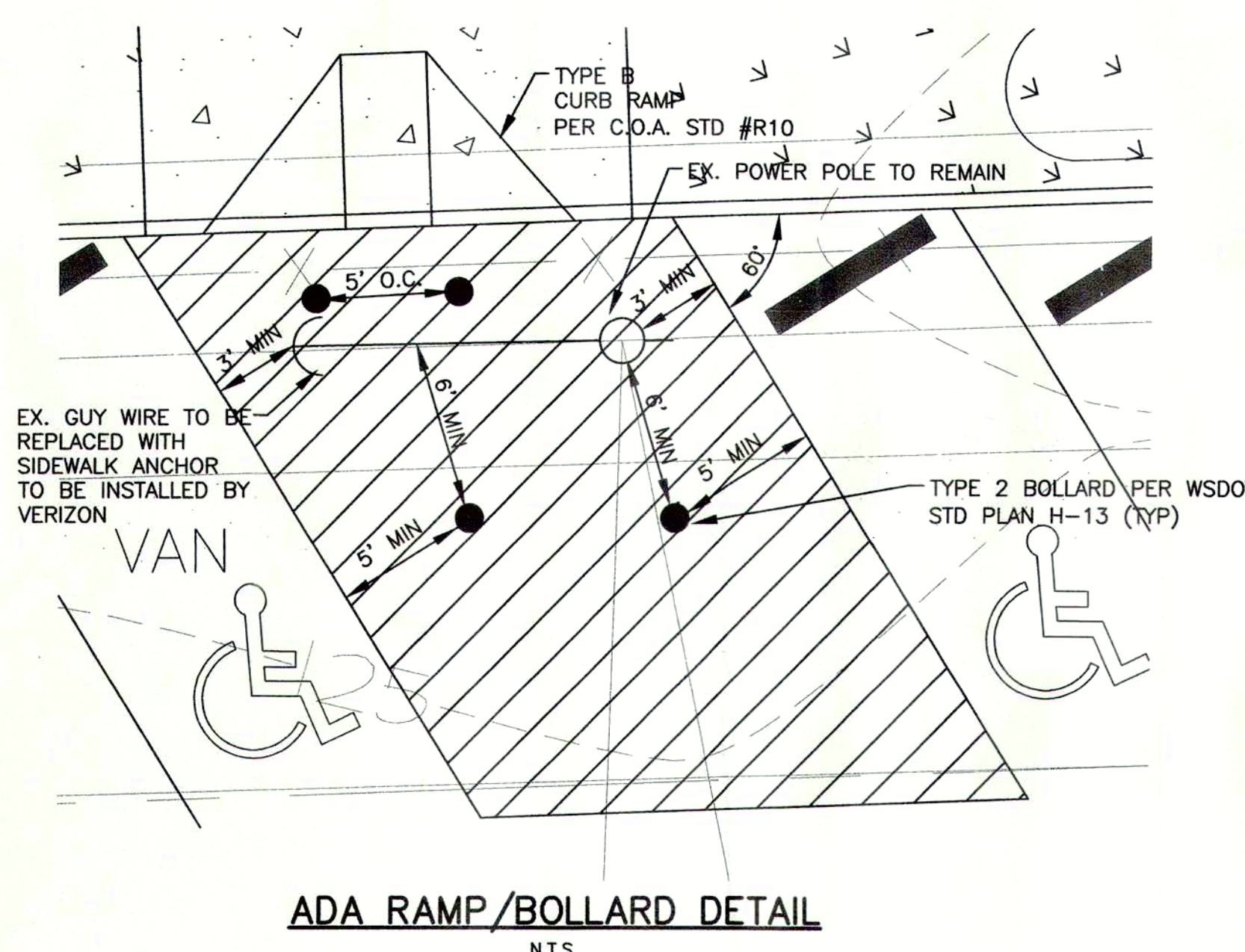
CITY OF ARLINGTON
YORK PARK-PHASE 1
DRAINAGE & LANDSCAPE
DETAILS

Drawing No.	DTL1
Sheet No.	7 of 9

SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.



- NOTES:**
- 1 IN WIDENING AREAS, THE EXISTING PAVEMENT EDGE SHALL BE SAW-CUT TO LEAVE A JOIN POINT. ANY TRAFFIC STRIPING REMOVED OR DAMAGED DURING WIDENING WORK SHALL BE REPLACED IN KIND OR AS DIRECTED BY THE CITY ENGINEER.
 - 2 COMPACTION TESTS ON SUBGRADE AND SURFACING SHALL BE REQUIRED. THE NUMBER OF TESTS SHALL BE AT THE DISCRETION OF THE CITY INSPECTOR. ALL TESTING SHALL BE THROUGH A LICENSED TESTING LABORATORY. THE MINIMUM COMPACTION SHALL BE 95% OF MAXIMUM DENSITY ON BOTH SUBGRADE AND SURFACING.
 - 3 ADJUSTMENT OF CATCH BASIN LIDS OR GRATES, MONUMENTS CASES, VALVE BOXES, ETC SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR DEVELOPER.
 - 4 ROADWAY SECTION MAY BE ADJUSTED WITH THE APPROVAL OF THE CITY ENGINEER UPON SUBMISSION OF SUBSTANTIATING ENGINEERING DATA (CBR, ETC) TO SUPPORT THE ADJUSTMENT. FOR DESIGN PURPOSES, THE MINIMUM THICKNESS OF CLASS B ASPHALT SHALL BE 3" COMPACTED DEPTH. COMPACTION SHALL BE AN AVERAGE OF 92% OF RICE DENSITY.
 - 5 CAUTION-EXISTING ROAD GRADE IS FAIRLY FLAT AND WARRANTS FIELD VERIFICATION OF PONDING AREA TO ENSURE POSITIVE DRAINAGE THROUGH CURB CUTS OR OTHER DRAINAGES WAYS. NOTIFICATION TO THE C.O.A. IS REQUIRED FOR APPROVAL PRIOR TO FINAL PAVING.
 - 6 ANY DAMAGE TO PRIVATE PROPERTIES ITEMS SUCH AS, MAILBOXES, LANDSCAPING, ETC, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR IN A MANNER SUITABLE TO THE CITY AND/OR PROPERTY OWNER.

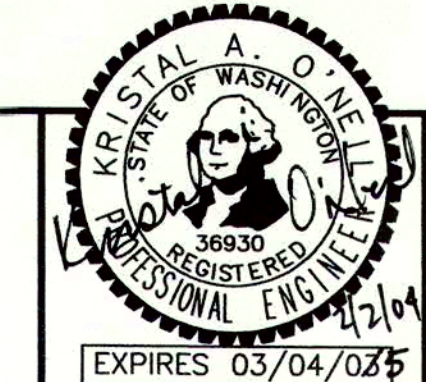


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Drawn By	Date	SCALE
MMB	07/03	Horiz N/A
Designed By		Vert N/A
KAO		Project Number 22040
Checked By		
X	X	
Approved By		

CITY OF ARLINGTON
YORK PARK-PHASE 1
STREET FRONTAGE & SIDEWALK
DETAILS

Drawing No. **DTL2**
Sheet No. **8** of **9**

GENERAL NOTES:

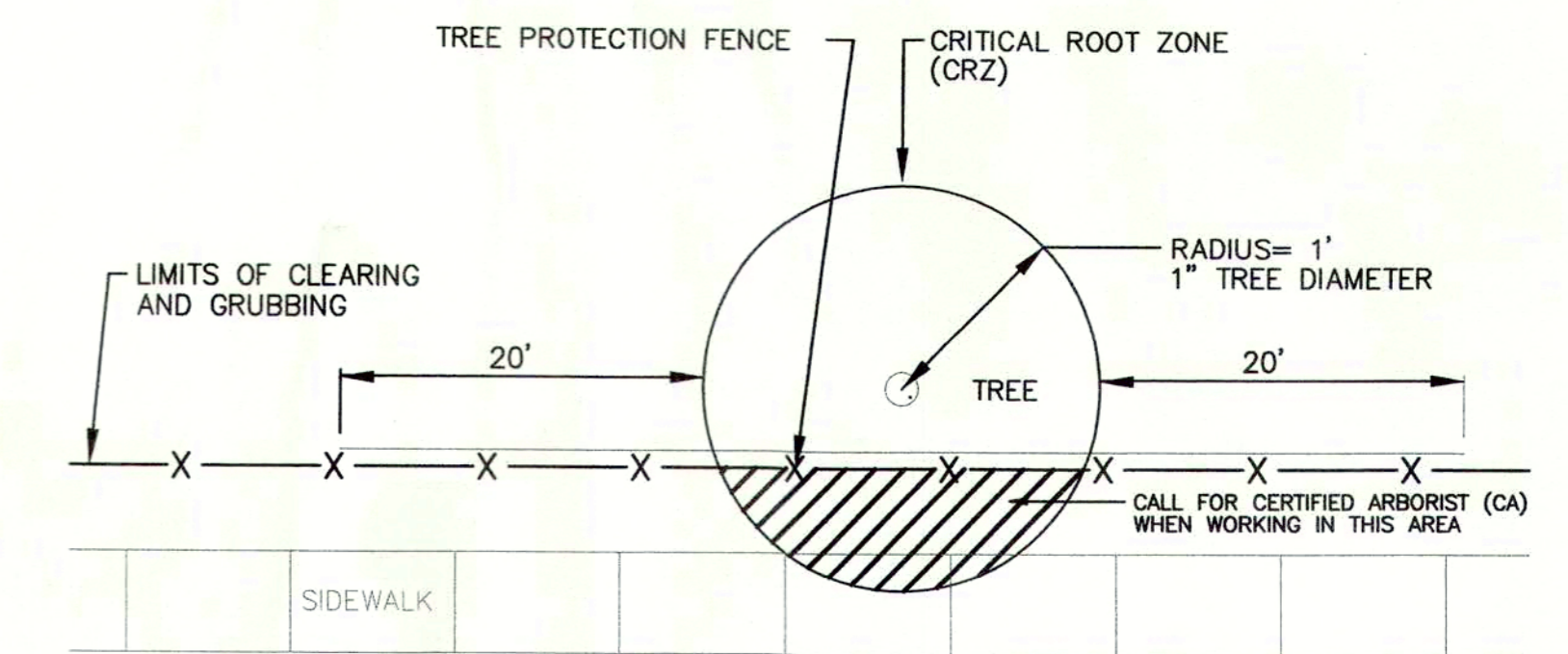
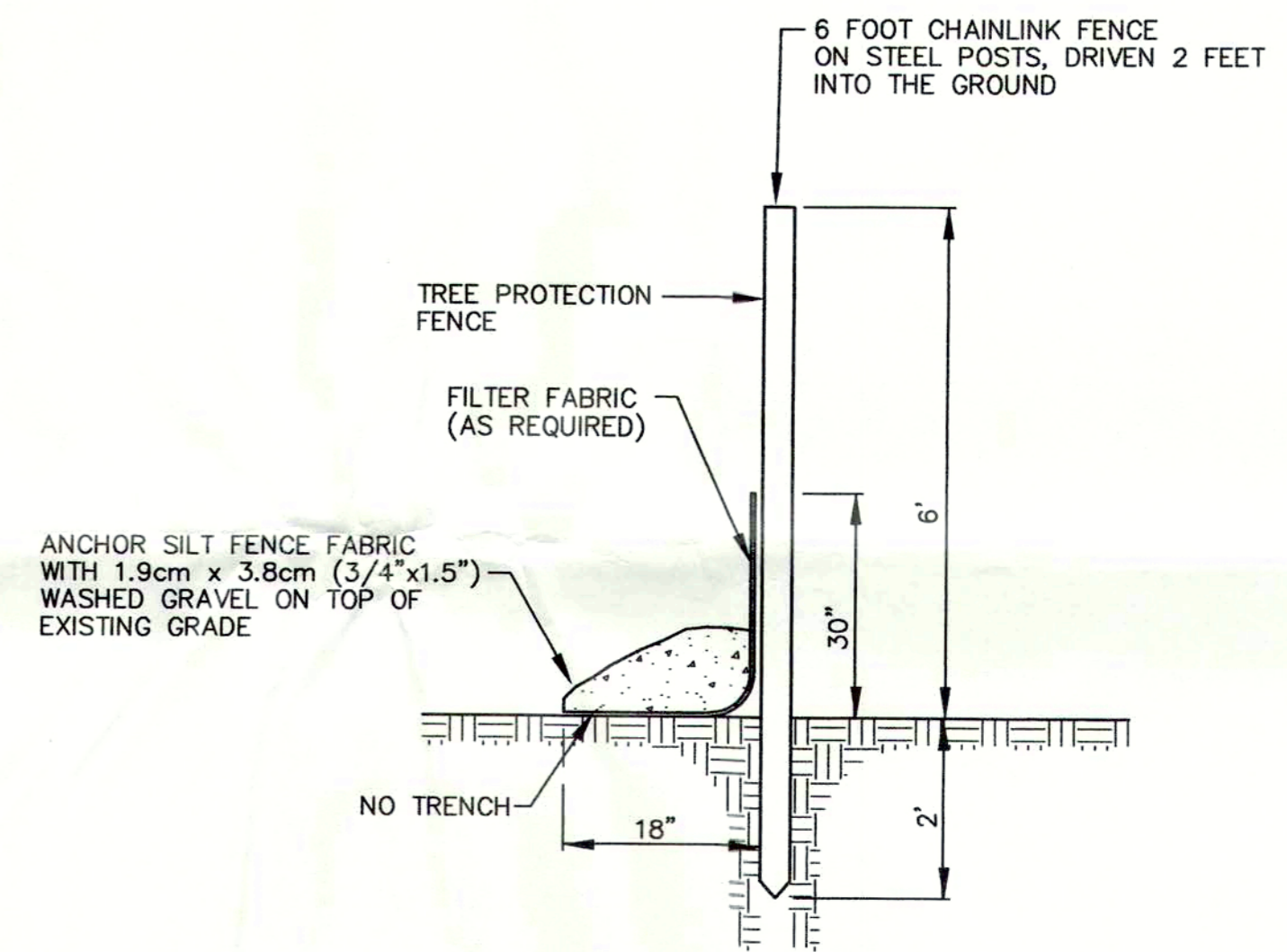
1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION," WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION. WASHINGTON STATE CHAPTER, 2002 EDITION, EXCEPT WHERE MODIFIED BY THE LATEST EDITION OF THE CITY OF ARLINGTON CONSTRUCTION STANDARDS AND SPECIFICATIONS. ADDITIONALLY ALL SITE WORK MUST COMPLY WITH CHAPTER 33 OF THE UNIFIED BUILDING CODE.
2. AN APPROVED COPY OF CONSTRUCTION PLANS MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
3. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN STREET USE AND ANY OTHER RELATED PERMITS PRIOR TO ANY CONSTRUCTION ACTIVITY IN THE CITY RIGHT-OF-WAY.
4. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CITY OF ARLINGTON PUBLIC WORKS DEPARTMENT (360)403-3500 MUST BE CONTACTED FOR A PRE-CONSTRUCTION MEETING.
5. 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 UTILITIES UNDERGROUND 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.
6. 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.
7. ALL MATERIALS SHALL BE APPROVED BY THE CITY PRIOR TO INSTALLATION.
8. ALL PUBLIC WATER, SEWER, AND STORM DRAINAGE PIPING NOT IN PUBLIC RIGHT-OF-WAY REQUIRES 10 FOOT WIDE PERMANENT EASEMENTS GRANTED TO THE CITY.
9. 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 ROAD 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.
10. 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 35mm CAMERA SHALL BE USED AND COLOR PICTURES PROVIDE AS 3"x7" PRINTS, CONTAINED IN ALBUMS, CATALOGUED AND CROSS-REFERENCED.
11. 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 WSDOT TRAFFIC MANUAL, AND THE MANUAL OF THE UNIFORM TRAFFIC CONTROL DEVICES.
12. 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 THE ANTICIPATED CLOSURE.
13. 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 DRAIN FACILITIES.
14. GRAVEL SHOULDERS DISTURBED BY EXCAVATION SHALL BE SHAPED INTO CITY STANDARDS AND PROVED WITH A MINIMUM OF 2 INCHES COMPACTED CRUSHED SURFACING TOP COURSE GRAVEL.
15. 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.
16. 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.
17. NO EXCESS OR UNSUITABLE MATERIAL SHALL BE WASTED ON CITY RIGHT-OF-WAY. ANY SUCH MATERIAL DUMPED ON PRIVATE PROPERTY MAY REQUIRE GRADING PERMIT. VERIFICATION WITH CITY OF ARLINGTON COMMUNITY DEVELOPMENT DEPARTMENT IS REQUIRED.
18. STREET SURFACES SHALL BE CLEANED AT THE END OF EACH DAY'S 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.
19. MAXIMUM AMOUNT OF OPEN TRENCH ON STREETS SHALL BE 400 LINEAL FEET. AT THE END OF EACH DAY, ALL DITCHED MUST BE BACKFILLED OR COVERED WITH STEEL PLATES AND BARRICADED WITH FLASHING WARNING LIGHTS TO PREVENT PEOPLE OR ANIMALS FROM FALLING INTO THE TRENCH.
20. FINAL CLEANUP INCLUDING COMPLETE RESTORATION OR SHOULDERS, CLEANING OF DITCHES, CULVERTS AND CATCH BASINS, AND REMOVAL OF LOOSE MATERIAL FROM BACK SLOPES OF DITCHES SHALL NOT EXCEED 1500LF BEHIND EXCAVATING OPERATIONS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
21. THE PERMITTEE WILL BE RESPONSIBLE TO COORDINATE WITH THE STATE DEPARTMENT OF NATURAL RESOURCES FOR ANY CONFLICT BETWEEN PERMIT WORK AND EXISTING MONUMENTATION.
22. TRENCH BACKFILL OF NEW UTILITIES SHALL BE COMPACT TO 95% RELATIVE COMPACTION UNDER ROADWAYS AND 90% RELATIVE COMPACTION OFF ROADWAYS, AS SPECIFIED IN SECTION 2-03-.3(14)D AND SECTION 2-03(14)B.
23. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDRO-SEED PREFERRED.

SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

24. IMMEDIATELY FOLLOWING FINISH GRADING, PERMANENT VEGETATION (CONSISTING OF RAPID, PERSISTENT AND LEGUME) WILL BE APPLIED. (MINIMUM 12# PER 1,00 S.F.) THE FOLLOWING MIX SHALL BE USED AND IS TO BE 95% PURE.
 - 10% COLONIAL BENTGRASS
 - 40% PERENNIAL RYE
 - 40% CREEPING RED FESCUE
 - 10% WITH DUTCH CLOVER
 - HYDRO-SEED PREFERRED
25. IN ANY WORK AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE OR IF DETERMINED BY THE CITY ENGINEER TO HAVE THE POTENTIAL OF SEVERE EROSION OR SEDIMENTATION. DISTURBED AREAS MUST BE IMMEDIATELY STABILIZED BY MULCHING, HYDROSEEDING, OR OTHER APPROVED EROSION CONTROL MEASURE APPLICABLE TO THE TIME OF YEAR. (SEE CITY OF ARLINGTON STANDARD SPECIFICATIONS CR-6 NO.9)
26. A 10-FOOT HORIZONTAL SEPARATION MUST BE MAINTAINED BETWEEN ALL SANITARY SEWER LINES AND WATER LINES. A 5-FOOT MINIMUM HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ALL WATER FACILITIES AND UNDERGROUND POWER AND TELEPHONE FACILITIES, UNLESS OTHERWISE APPROVED.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND/OR REPAIRING ASPHALT AND GRAVEL SURFACES DISTURBED AS A RESULT OF THIS CONSTRUCTION UNTIL THEY ARE ACCEPTED BY THE CITY.
28. ALL PIPE SHALL BE PLACED ON STABLE EARTH, OR IF IN THE OPINION OF THE CITY ENGINEER THE EXISTING FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED TO GRADE WITH SAND-GRAVEL. CRUSHED ROCK OR OTHER SUITABLE MATERIAL. NEVER INSTALL PIPE ON SOD, FROZEN EARTH, LARGE BOULDERS OR ROCK.
29. THE BACKFILL SHALL BE PLACED EQUALLY ON BOTH SIDES OF THE PIPE OR PIPE-ARCH IN LAYERS WITH A LOOSE AVERAGE DEPTH OF 6", MAXIMUM DEPTH 8" THOROUGHLY TAMPING EACH LAYER. THESE COMPACTED LAYERS MUST EXTEND FOR ON DIAMETER ON EACH SIDE OF THE PIPE OR TO THE SIDE OF THE TRENCH. MATERIALS TO COMPLETE THE FILL OVER PIPE SHALL BE THE SAME AS DESCRIBED (REFER TO THE WSDOT STD. SPEC. 7-04-.3(3) AND STD. SPEC. 2-03-.3(14)C, METHOD B & C.
30. ALL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY BY MODIFIED PROCTOR TEST.

NOTES

1. CONTRACTOR SHALL PROVIDE THE SERVICES OF AN INTERNATIONAL (ISA) CERTIFIED ARBORIST (CA) FOR REVIEW OF CONSTRUCTION WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES THAT ARE TO REMAIN. THE (ISA) (CA) SHALL REVIEW PROPOSED DISTURBANCE WITHIN THE (CRZ), EVALUATE IMPACT TO TREE ROOTS, AND PROPOSE ALTERNATIVES AND/OR METHODS TO MINIMIZE ROOT DAMAGE. ALL COSTS ASSOCIATED WITH PROVIDING AND (ISA) (CA) AND PROTECTING TREES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND BE CONSIDERED INCIDENTAL TO THE PAYMENT ITEM "CLEARING AND GRUBBING".
2. PRIOR TO CLEARING AND GRUBBING, CONTRACTOR SHALL FIELD STAKE LOCATIONS OF THE TREE PROTECTION FENCE (TPF) FOR REVIEW BY THE (ISA) (CA) AND OWNER. (ISA) (CA) AND OWNER SHALL BE ON SITE WHEN CLEARING AND GRUBBING OCCURS WITHIN THE (CRZ). PROVIDE OWNER AND (ISA) (CA) 48 HOURS NOTICE PRIOR TO MEETING ON SITE.
3. THE (TPF) SHALL BE PLACED ALONG THE EDGE OF THE CLEARING AND GRUBBING LINE WHEN IT CROSSES WITHIN THE CRITICAL ROOT ZONE (CRZ) OF A TREE AND 20 FEET BEYOND IN BOTH DIRECTIONS AS SHOWN ABOVE.
4. THE CRITICAL ZONE (CRZ) OF A TREE IS A CIRCLE AROUND A TREE EQUAL TO 1 FOOT RADIUS PER 1 INCH TREE DIAMETER.
5. THE TREE PROTECTION FENCE (TPF) SHALL BE CONSTRUCTED OF 6 FEET TALL CHAINLINK FENCE ON STEEL POSTS DRIVEN 2 FEET INTO THE GROUND.
6. WHERE THE (TPF) AND THE SILT FENCE ARE IN THE SAME LOCATION, THE SILT FENCE SHALL BE WIRED TO THE CHAINLINK FENCE AND ANCHORED ON TOP OF EXISTING GRADE WITH GRAVEL AS SHOWN ABOVE. SILT FENCE SHALL NOT BE PLACED IN A TRENCH IN THE GROUND WHEN INSIDE THE (CRZ).
7. WHILE CLEARING AND GRUBBING INSIDE THE (CRZ), ROOTS SHALL NOT BE PULLED FROM THE GROUND BEYOND THE LIMITS REQUIRED FOR GRADING. EXPOSED ROOTS SHALL BE CUT OFF CLEANLY WITH A SHARP SAW OR PRUNERS. CUT ROOTS SHALL BE IMMEDIATELY COVERED WITH MOIST SOIL OR MULCH.
8. DEPENDING ON SOIL DISTURBANCE INSIDE THE (CRZ), THE CERTIFIED ARBORIST MAY RECOMMEND THESE MEASURES TO MAINTAIN THE HEALTH AND SAFETY OF THE TREE WHICH SHALL BE CONSIDERED INCIDENTAL TO THE PAYMENT ITEM "CLEARING AND GRUBBING".
 - WATERING
 - MULCHING
 - ROOT TREATMENT
 - PRUNING



TREE PROTECTION DETAIL

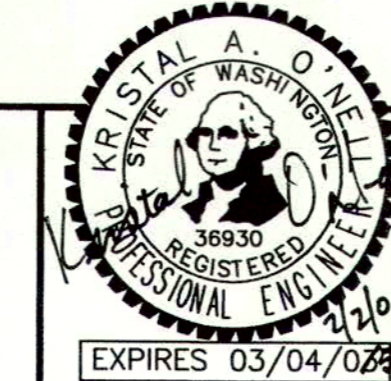
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 Arlington, WA 98223



Drawn By	Date	SCALE
MMB	07/03	
Designed By		Horiz
KAO		N/A
Checked By		Vert
X		N/A
Approved By		Project Number
		22040

CITY OF ARLINGTON
 YORK PARK-PHASE 1
NOTES & DETAILS

Drawing No.	DTL3
Sheet No.	9
of Total	9

SECTION 20, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M.

IRRIGATION LEGEND

- BRASS GATE VALVE (LINE SIZE)
- RAINBIRD GB-PRS-D SERIES VALVE (SIZE AS NOTED)
- CLASS 200 P.V.C. LATERALS
- SCHED. 40 P.V.C. MAINLINE (SIZE AS NOTED)
- RAINBIRD ESP-MC-16-SS STAINLESS STEEL PEDESTAL MOUNT
- RAINBIRD 44RC 1" QUICK COUPLING VALVE
- 4" MIN. CLASS 200 PVC SLEEVE
- POINT OF CONNECTION (SEE SCHEMATIC BELOW)

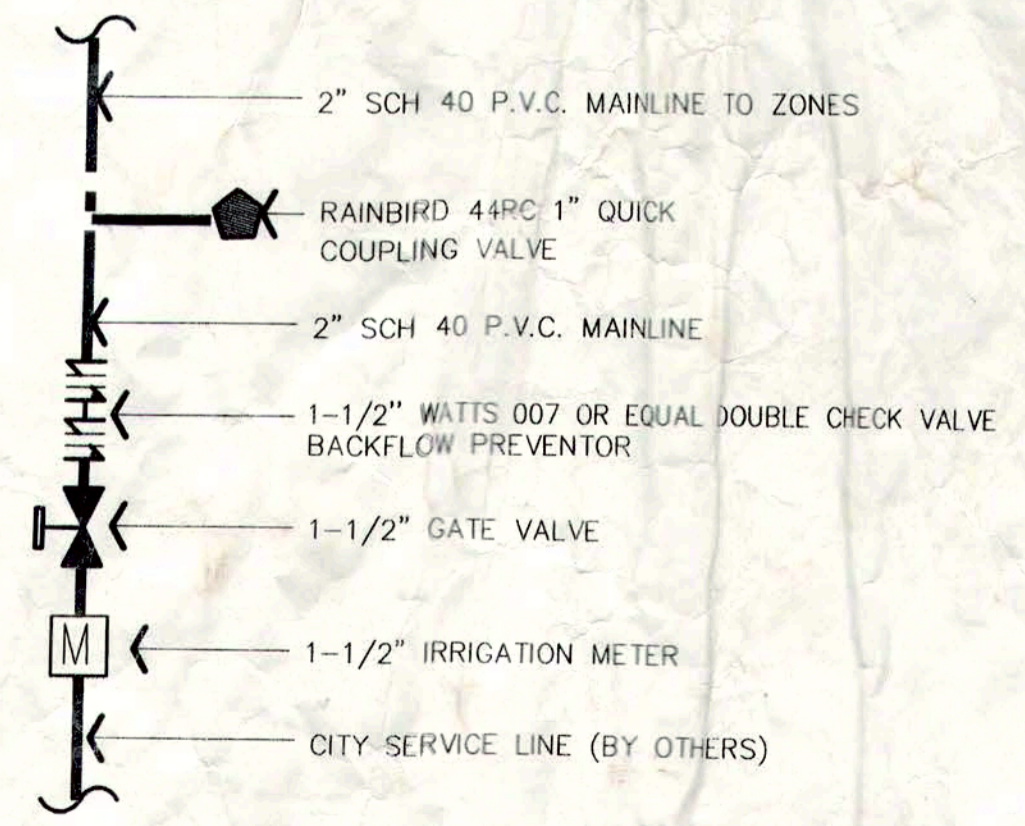
VALVE KEY

- VALVE SEQUENCE NUMBER
- VALVE SIZE
- GALLONS PER MINUTE

IRRIGATION HEAD KEY

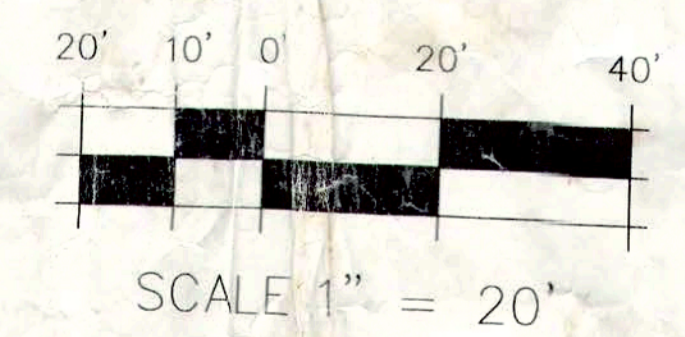
- RAINBIRD 3504 PC SAM - NOZZLE AS NOTED
- RAINBIRD 5004 PL-FC/PC-SAM - NOZZLE AS NOTED
- RAINBIRD 1800-SAM 15' SERIES HEADS
- RAINBIRD 1800-SAM 12' SERIES HEADS
- RAINBIRD 1806-SAM 10' SERIES HEADS
- RAINBIRD 1800-SAM 8' SERIES HEADS
- RAINBIRD 1800-SAM 5' SERIES HEADS
- RAINBIRD 1800-SAM 15SST SERIES HEADS
- RAINBIRD 1800-SAM 15EST SERIES HEADS

SCHEMATIC POINT OF CONNECTION

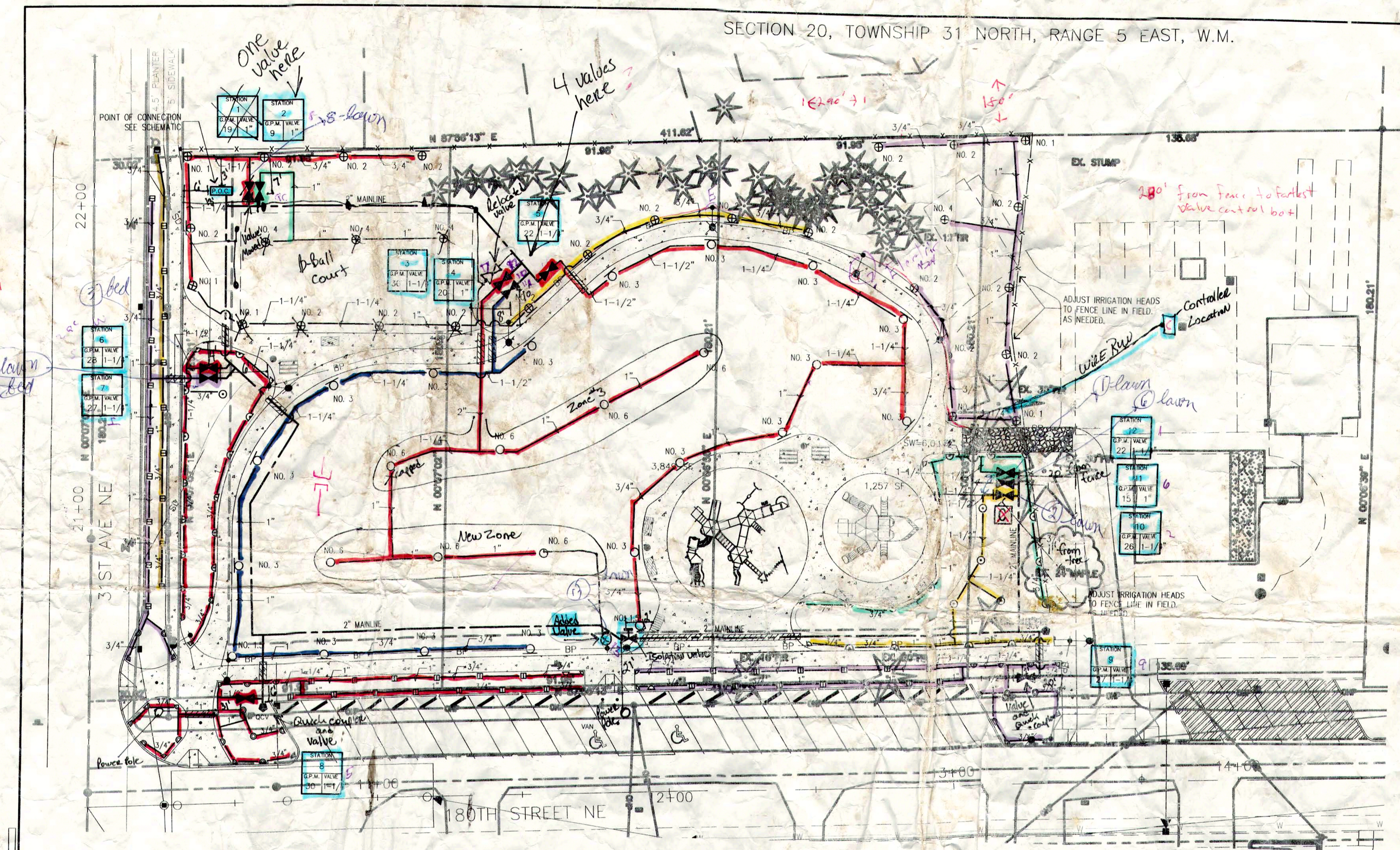


CONSTRUCTION NOTES:

1. SITE PRESSURE RANGE IS 38-54 PSI. SYSTEM DESIGNED FOR 38 PSI.
2. IRRIGATION CONTRACTOR TO VERIFY PRESSURE AFTER METER AND BACKFLOW PREVENTOR INSTALLATION. NOTIFY LANDSCAPE ARCHITECT OF ALL DISCREPANCIES.
3. ALL ROTOR ZONES DESIGNED FOR 25 PSI. ALL SPRAY HEAD ZONES DESIGNED FOR 30 PSI. SET IN-VALVE PRESSURE REGULATOR FOR EACH ZONE APPROPRIATELY.
2. IRRIGATION CONTRACTOR TO PROVIDE IRRIGATION CLOCK/CONTROLLER. (VERIFY LOCATION PRIOR TO BEGINNING WORK)
5. IRRIGATION CONTRACTOR TO PROVIDE AND INSTALL ALL SLEEVES REQUIRED WHERE AND IF NECESSARY.
6. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL PUBLIC AND PRIVATE UTILITIES WITHIN THE PROJECT AREA PRIOR TO CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ALL DISCREPANCIES.
7. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND APPROPRIATE SAFETY REGULATIONS.



Design Two Four/Two Six, Incorporated
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No.	Date	Revision	By	Appr.

Pertee Engineering, Inc.
 2707 Colby Avenue • Suite 900 • Everett, WA 98201 • (425) 252-7700

City of Arlington
 Engineering Divis
 238 N. Olympic A
 Arlington, WA 982



Drawn By	Date	SCALE
DCH	01/31	Horiz 1" = 20'
Designed By		Vert N/A
DCH	X	Project Number 398
Checked By		
ACK	X	
Approved By		

CITY OF ARLINGTON
 YORK PARK-PHASE 1
IRRIGATION PLAN

Drawing No.	L1
Sheet No.	
of Total	