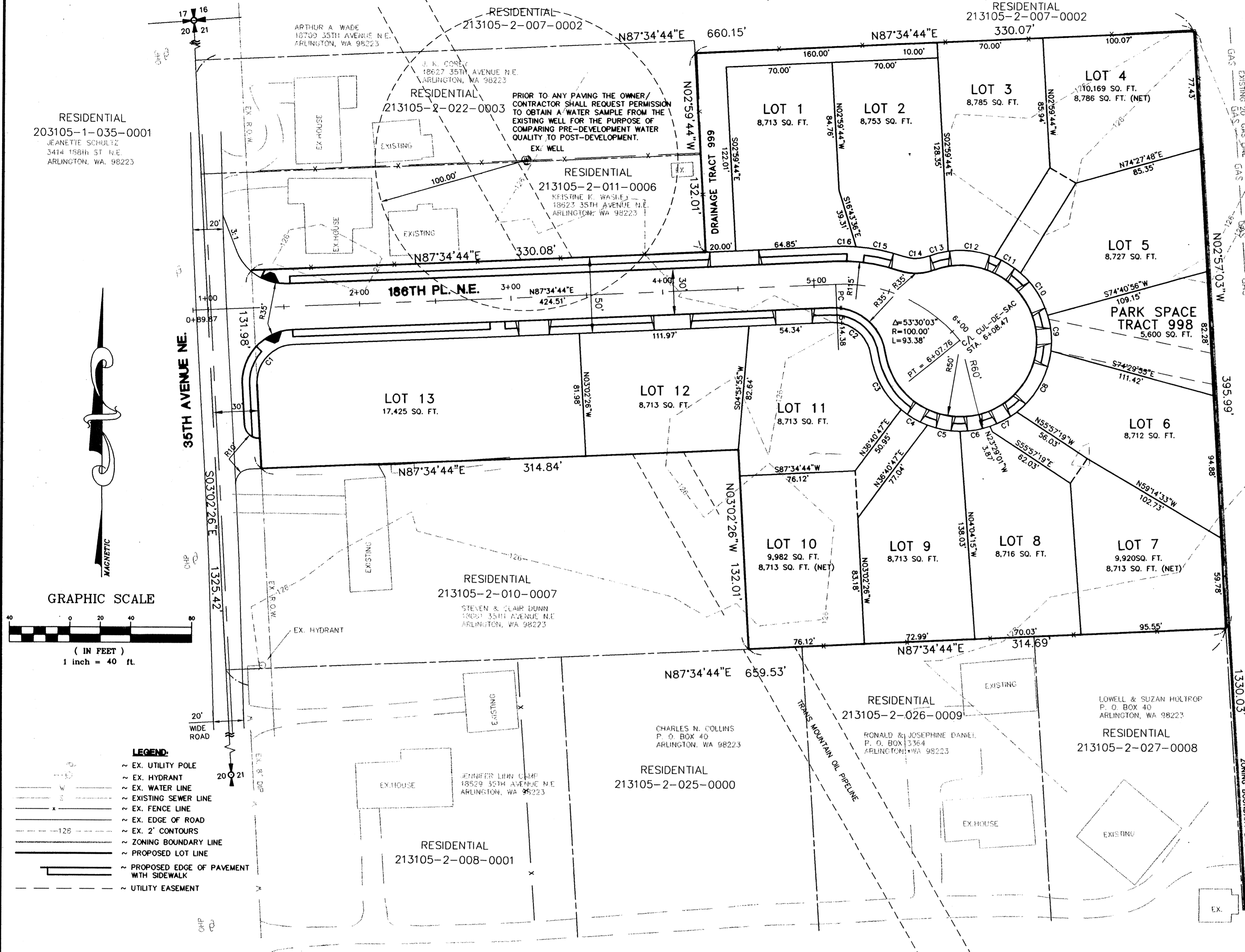


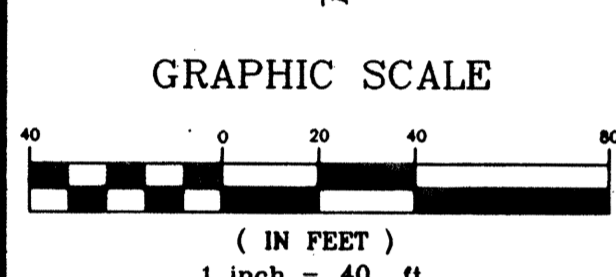
SECTION 21, TWP. 31 N., RGE. 5 E., W.M.



DATUM: NGVD 1929 (NOTE: TO CONVERT FROM NGVD 1929 TO NAVD 1988 AT THIS LOCATION, ADD 3.71')
 BENCH MARK: TBM AB6-2-1; 604 SPIKE ON S. SIDE OF PP #2(0.00 FEET HIGH) ELEV.+125.14'

GAS LINE NOTE:
 ANY WORK WITHIN THE GAS LINE EASEMENT WILL REQUIRE APPROVAL OF THE LINE'S OWNERS AND SUPERVISION OF THAT PORTION OF THE CONSTRUCTION BY THE GAS LINE OWNER'S REPRESENTATIVE.

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	39.54	25.00	90°37'10"
C2	36.64	25.00	83°58'11"
C3	42.92	60.00	40°59'15"
C4	20.20	60.00	19°17'11"
C5	22.04	60.00	21°02'37"
C6	20.08	60.00	19°10'43"
C7	20.27	60.00	19°21'30"
C8	47.67	60.00	45°31'16"
C9	23.81	60.00	22°44'21"
C10	33.66	60.00	32°08'33"
C11	20.09	60.00	19°11'17"
C12	31.27	60.00	29°51'43"
C13	13.29	60.00	12°41'32"
C14	17.16	25.00	39°19'41"
C15	31.95	125.00	14°38'37"
C16	14.52	125.00	6°39'16"



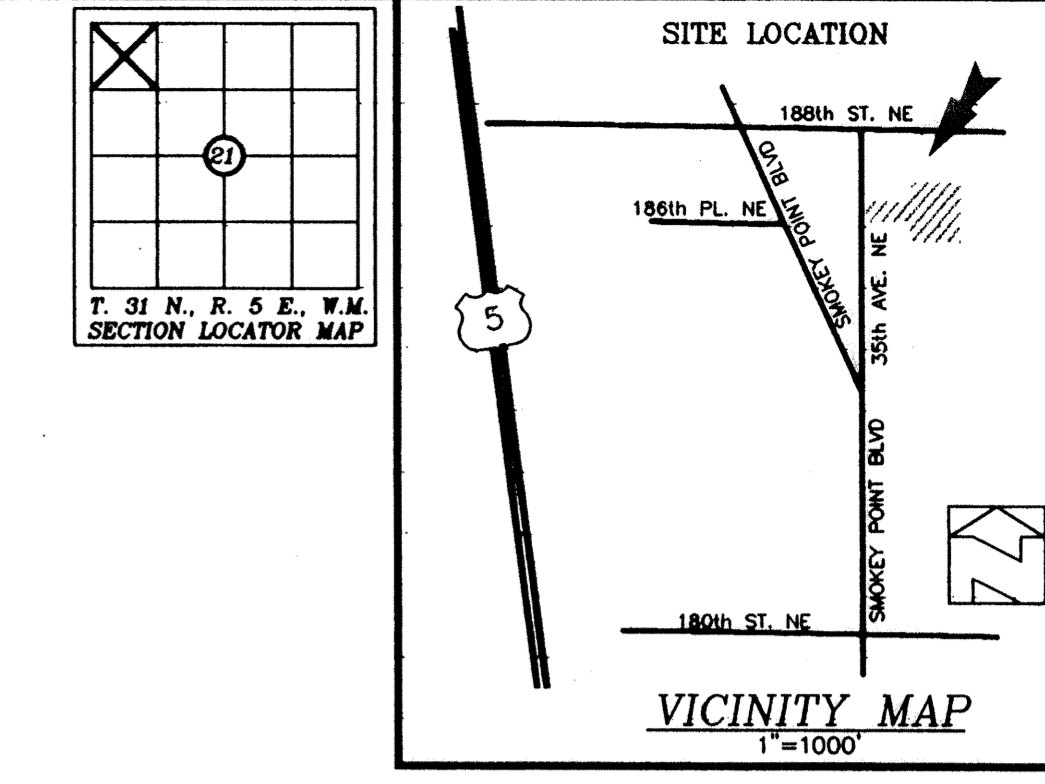
- LEGEND:**
- ~ EX. UTILITY POLE
 - ~ EX. HYDRANT
 - ~ EX. WATER LINE
 - ~ EX. EXISTING SEWER LINE
 - ~ EX. FENCE LINE
 - ~ EX. EDGE OF ROAD
 - ~ EX. 2' CONTOURS
 - ~ ZONING BOUNDARY LINE
 - ~ PROPOSED LOT LINE
 - ~ PROPOSED EDGE OF PAVEMENT WITH SIDEWALK
 - ~ UTILITY EASEMENT

- 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, 2000 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 ANY CONSTRUCTION ACTIVITY IN THE CITY RIGHT-OF-WAY.
 - PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CITY OF ARLINGTON PUBLIC WORKS DEPARTMENT (360)435-3811 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 UTILITIES UNDERGROUND LOCATION SERVICE (1-800-424-5555) PRIOR TO CONSTRUCTION. THE OWNER OR HIS REPRESENTATIVE SHALL 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.

- GENERAL REQUIREMENTS: (CONTD)**
- 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 35 MM CAMERA SHALL BE USED AND COLOR PICTURES PROVIDED AS 5" x 7" PRINTS, CONTAINED IN ALBUMS, CATALOGUED AND CROSS-REFERENCED.
 - 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 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 THE 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 DRAIN FACILITIES.

- GENERAL REQUIREMENTS: (CONTD)**
- 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 DEGRADATE 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.
 - 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 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.
 - MAXIMUM AMOUNT OF OPEN TRENCH ON STREETS SHALL BE 400 LINEAL FEET. AT THE END OF EACH DAY, ALL DITCHES MUST BE BACKFILLED OR COVERED WITH STEEL PLATES AND BARRICADED WITH FLASHING WARNING LIGHTS TO PREVENT PEOPLE OR ANIMALS FROM FALLING INTO THE TRENCH.
 - 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 1500 LF. BEHIND EXCAVATING OPERATIONS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
 - THE PERMITEE WILL BE RESPONSIBLE TO COORDINATE WITH THE STATE DEPARTMENT OF NATURAL RESOURCES FOR ANY CONFLICT BETWEEN PERMIT WORK AND EXISTING MONUMENTATION.

- GENERAL REQUIREMENTS: (CONTD)**
- LOT LINES SHOWN HEREON 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 LINE'S OWNERS AND SUPERVISION OF THAT PORTION OF THE CONSTRUCTION BY THE GAS LINE OWNER'S REPRESENTATIVE.
- CONSTRUCTION SEQUENCE AND SCHEDULE:**
- SET UP PRE-CONSTRUCTION MEETING WITH CITY OF ARLINGTON.
 - INSTALL T.E.S.C. FILTERS AS SPECIFIED ON SHEET 2.
 - THE CLEARING AND GRUBBING OF 186th PL. NE.
 - THE ROUGH GRADING OF 186th PL. NE.
 - INSTALL SEWER.
 - INSTALL ALL CULVERTS AND DRAINAGE STRUCTURES.
 - INSTALL WATER.
 - INSTALL CURB AND GUTTER ALONG 186th PL. NE.
 - THE FINAL GRADING, AND GRAVELING OF THE ROAD.
 - THE PAVING OF THE ROAD.
 - SEED ALL DISTURBED AREAS.
- *** CONSTRUCTION TO START AS SOON AS THE PROJECT IS APPROVED AND IT WILL PROCEED IN A TIMELY MANNER.



LEGAL DESCRIPTIONS:
 TAX ACCOUNT # 213105-2-009-0000
 ALL THAT PORTION OF THE WEST HALF OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M., IN SNOHOMISH COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:
 COMMENCING AT THE SOUTHWEST CORNER OF SAID WEST HALF; THENCE NORTH FOR 582 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUE NORTH FOR 396 FEET; THENCE EAST FOR 660 FEET, MORE OR LESS TO THE EAST LINE OF SAID SUBDIVISION; THENCE SOUTH FOR 396 FEET; THENCE WEST FOR 660 FEET, MORE OR LESS, TO THE TRUE POINT OF BEGINNING; EXCEPT THE FOLLOWING TWO PARCELS THEREOF:
 PARCEL 1:
 SOUTH 132 FEET OF THE WEST HALF OF THE FOLLOWING DESCRIPTION: BEGINNING AT THE SOUTHWEST CORNER OF THE WEST HALF OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. IN SNOHOMISH COUNTY, WASHINGTON; THENCE NORTH 582 TO POINT OF BEGINNING; THENCE NORTH 198 FEET; THENCE EAST 650 FEET, MORE OR LESS, TO EAST LINE OF SUBDIVISION; THENCE SOUTH 198 FEET; THENCE WEST 660 FEET, MORE OR LESS, TO POINT OF BEGINNING; LESS COUNTY ROAD (35th AVENUE NORTHEAST) ON WEST SIDE.
 PARCEL 2:
 NORTH 132 FEET OF THE WEST HALF OF THE FOLLOWING DESCRIPTION: BEGINNING AT THE SOUTHWEST CORNER OF THE WEST HALF OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. IN SNOHOMISH COUNTY, WASHINGTON; THENCE NORTH 780 TO POINT OF BEGINNING; THENCE CONTINUE NORTH 198 FEET; THENCE EAST 650 FEET, MORE OR LESS, TO EAST LINE OF SUBDIVISION; THENCE SOUTH 198 FEET; THENCE WEST 660 FEET, MORE OR LESS, TO POINT OF BEGINNING; LESS COUNTY ROAD (35th AVENUE NORTHEAST) ON WEST SIDE.

PARKING NOTE:
 OFF-STREET PARKING PROVIDED BY DRIVEWAYS AND GARAGES.
NOTE:
 ALL EXISTING VEGETATION OUTSIDE OF REQUIRED 15' LANDSCAPE BUFFER SHALL BE REMOVED.
 ROAD TO BE DEDICATED TO THE CITY OF ARLINGTON.

CONTACT PERSONS: R. DEVOIR, CASCADE SURVEYING & ENGINEERING, INC., P.O. BOX 326, ARLINGTON, WA, 98223, PHONE: (360) 435-5551

APPLICANT: MIKE WEEKS, 1912 - 192ND STREET SE, P.O. BOX 12857, MILL CREEK, WA, 98082, PHONE: (425) 483-2245

RALPH PERRIGUOE AND MABEL E. PERRIGUOE CO-TRUSTEES, PERRIGUOE FAMILY TRUST, 3108 - 188TH STREET N.E., ARLINGTON, WASHINGTON 98223, PHONE: (360) 659-3571

REVISION NO.	DATE	DESCRIPTION
1	10/20/00	ISSUED FOR PERMITS
2	10/20/00	ADDED AS-BUILT INFO TO SHEET 186th PL. NE
3	01/13/01	PER CITY COMMENTS
4	11/20/00	PER CITY COMMENTS
5	01/13/01	PER CITY COMMENTS
6	01/13/01	PER CITY COMMENTS
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50	01/13/01	PER CITY COMMENTS

DRAWING INDEX

#	DESCRIPTION	FILE NAME
1	COVER SHEET	..13714\13714EN1.DWG
2	T.E.S.C. PLAN	..13714\13714EN2.DWG
3	SEWER, PLAN & PROFILE	..13714\13714EN3.DWG
4	WATER PLAN, NOTES, & DETAILS	..13714\13714EN4.DWG
5	ROAD & STORM, NOTES, & DETAILS	..13714\13714EN5.DWG
6	DRAINAGE FACILITIES	..13714\13714EN6.DWG
7	MISC. DETAILS	..13714\13714EN7.DWG
8	PARK CONSTRUCTION PLAN	..13714\13714EN8.DWG
9	SIGNING AND LANDSCAPING PLAN	..13714\13714EN9.DWG
S-1	STRUCTURAL DRAWING	..13714\13714EN9.DWG

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 23 DAY OF Jan 2000.
 R. Devoir
 City of Arlington
 Mike Weeks
 Drawings - 6-21-01 G. Devoir

CASCADE SURVEYING & ENGINEERING, INC.
 Engineers Surveyors Planners
 P.O. BOX 326 ARLINGTON, WASHINGTON 98223
 PHONE: (360) 435-5551 FAX: (360) 435-5501
 E-MAIL: INFO@CASCADESURVEYING.COM
 LICENSE NO. 3578 PROFESSIONAL SURVEYOR

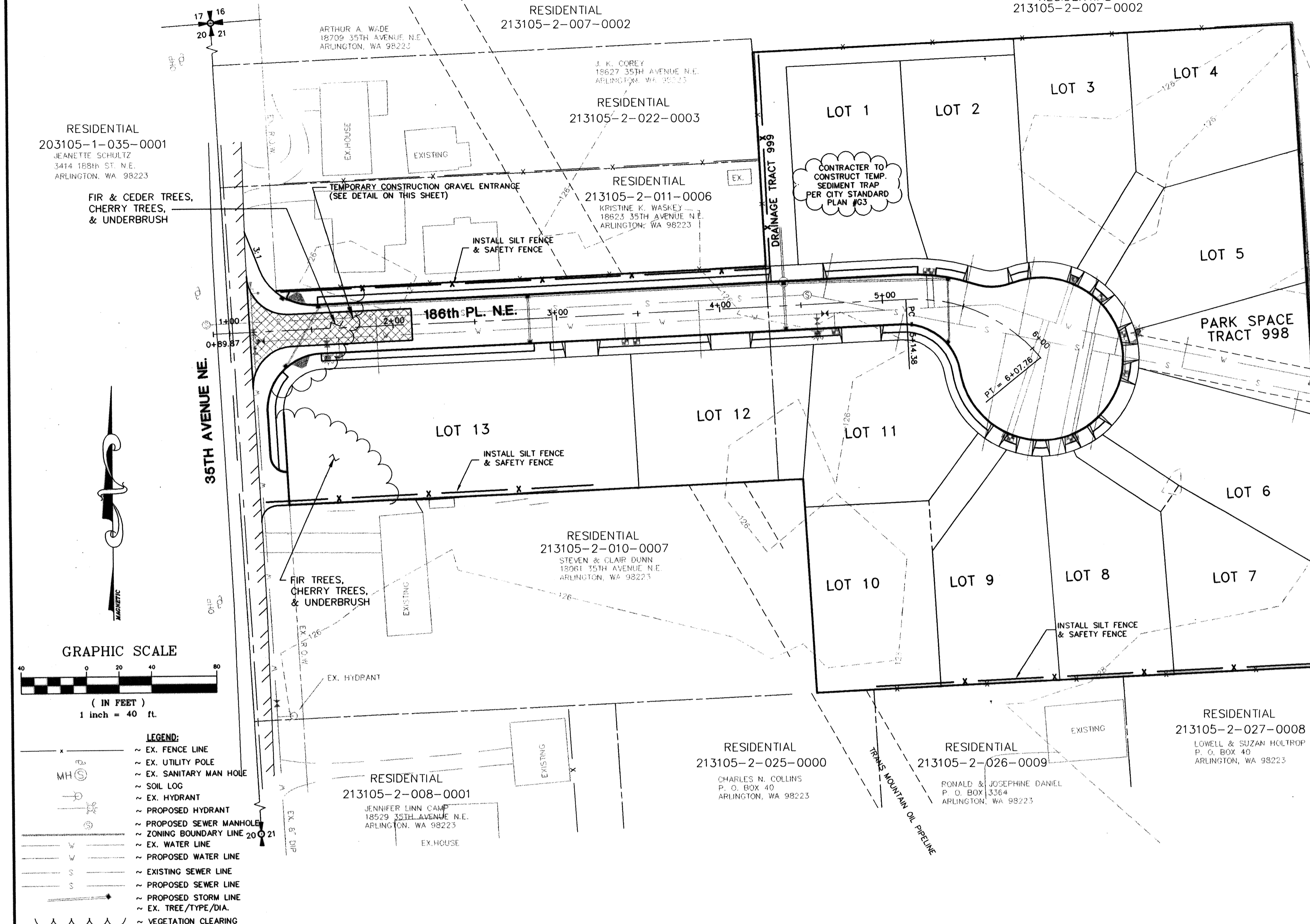
AS-BUILT DRAWING

ASPEN WOOD MEADOWS CONSTRUCTION PLANS COVER SHEET

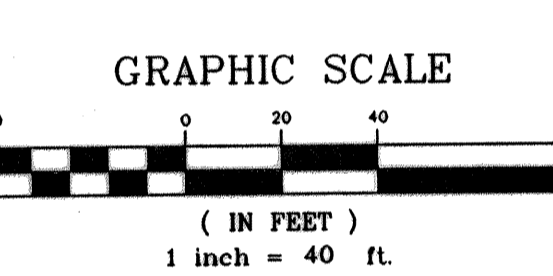
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1 OF 9
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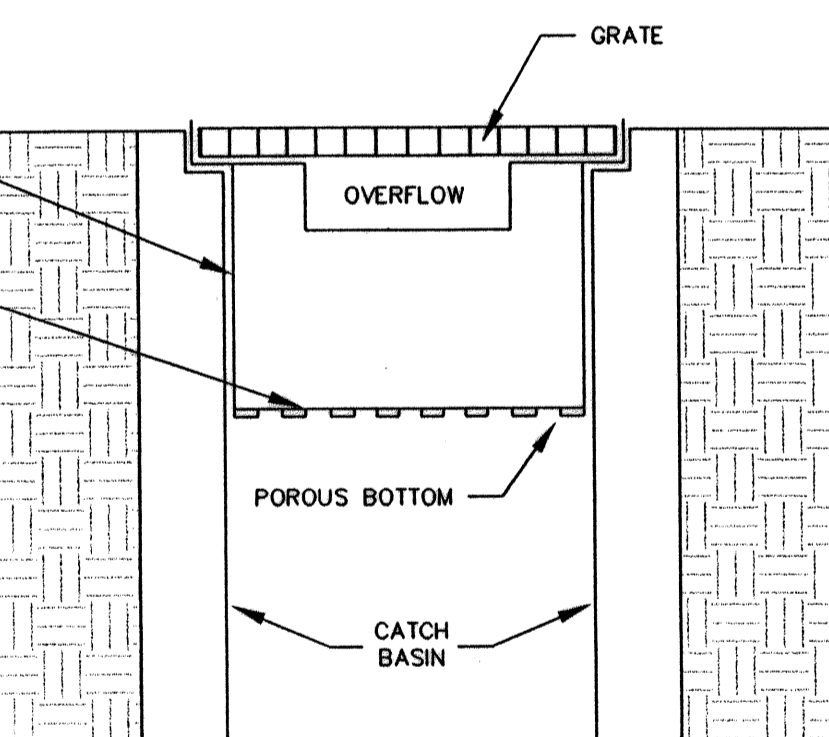
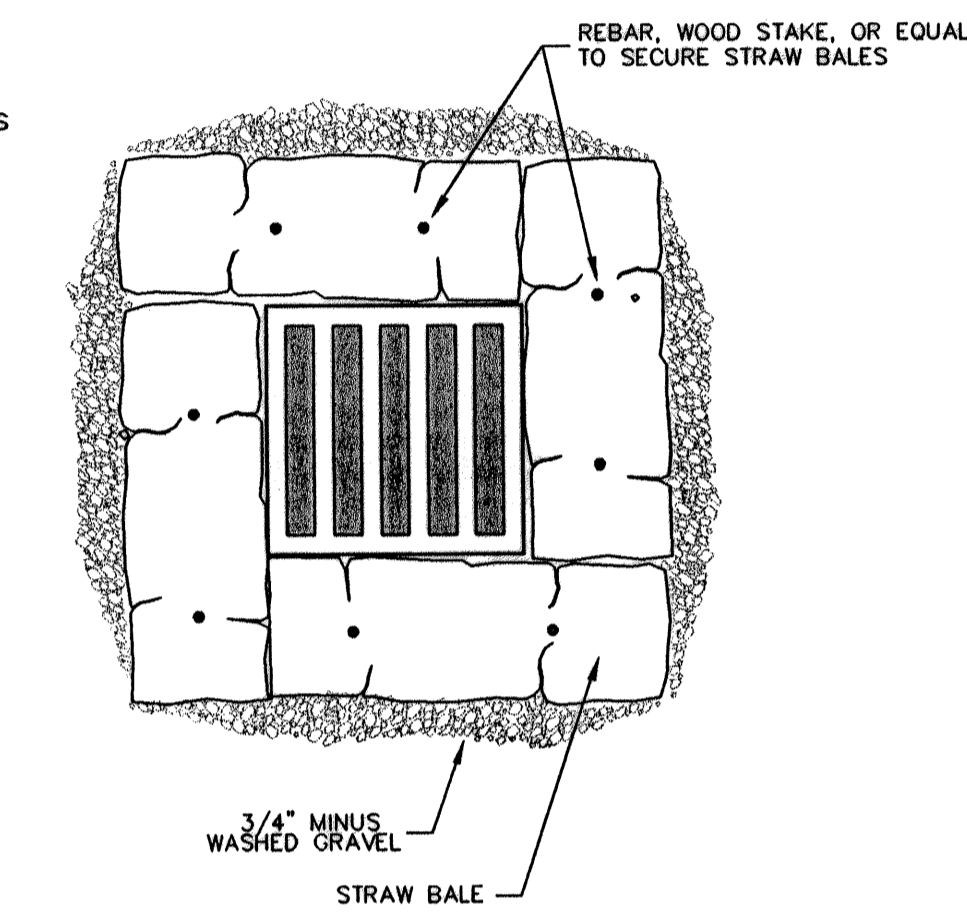
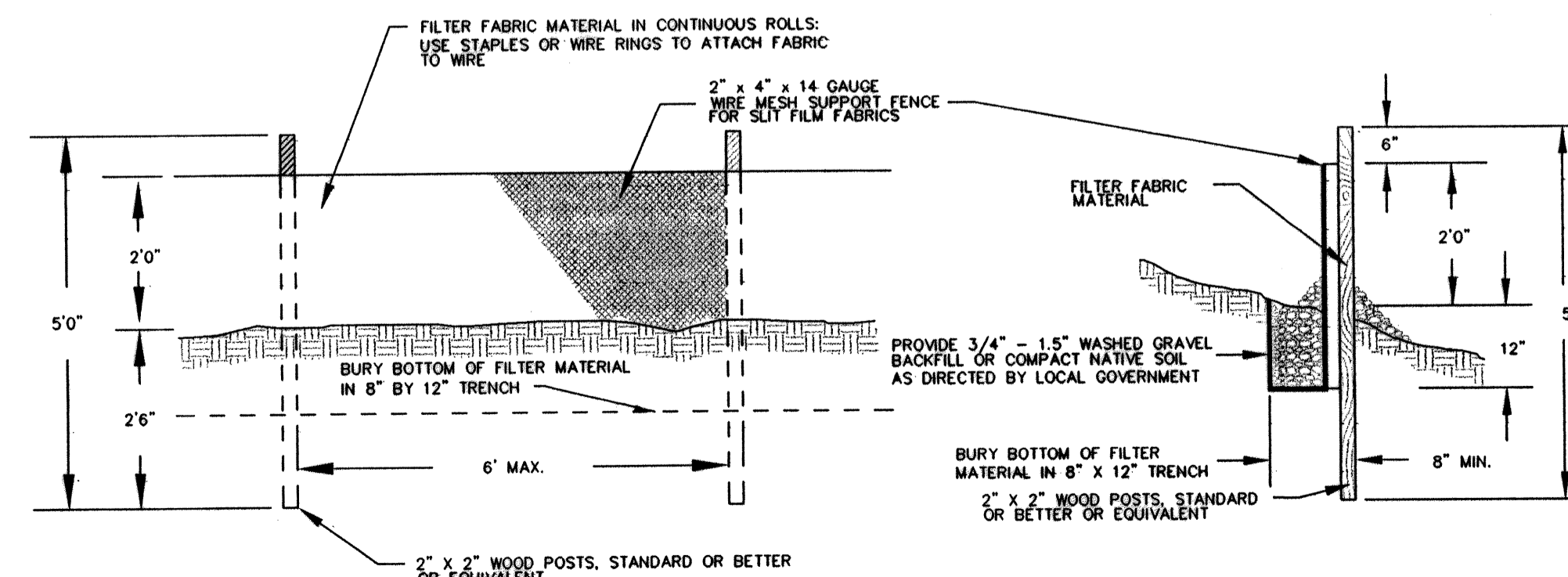
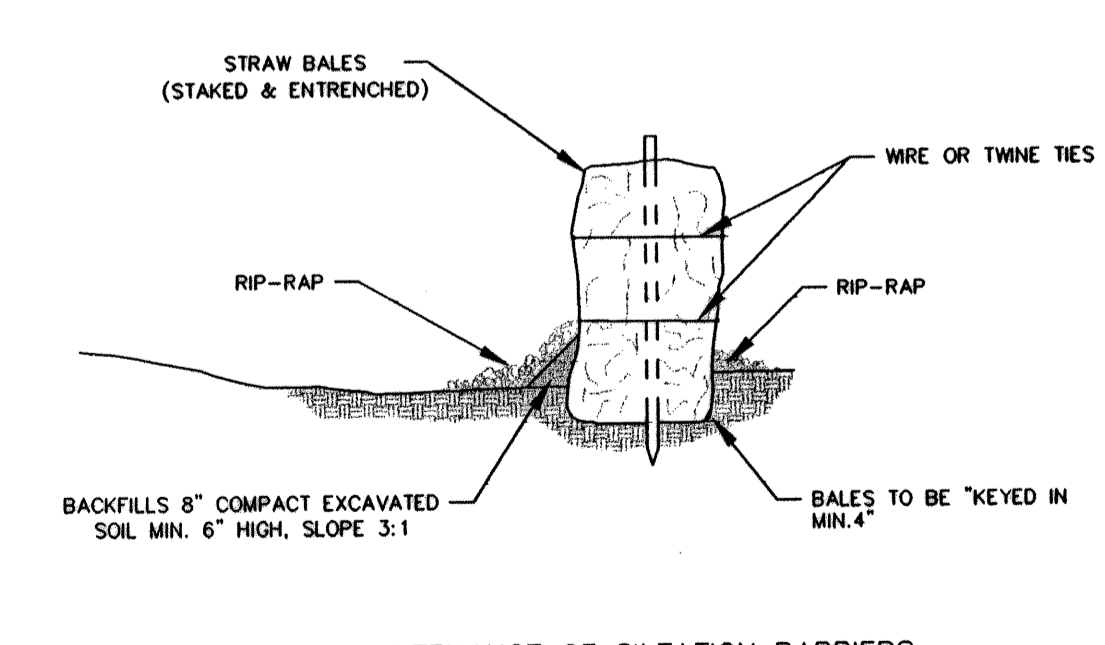
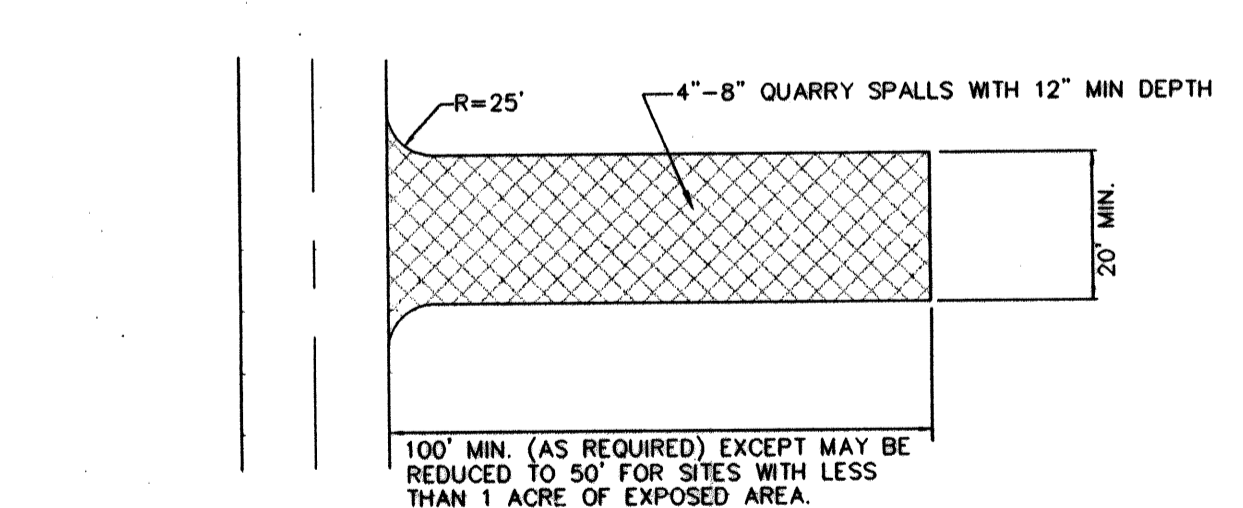
SECTION 21, TWP. 31 N., RGE. 5 E., W.M.



- ### T.E.S.C. NOTES:
- NON COMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL AND BOND FORECLOSURES.
 - THE TEMPORARY EROSION/SEDIMENTATION CONTROL FACILITY SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING IN ACCORDANCE WITH THE APPROVED TEMPORARY EROSION/SEDIMENTATION CONTROL PLAN. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED.
 - STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDRO-SEE IS PREFERRED.
 - ALL STRUCTURAL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY BY MODIFIED PROCTOR TEST.
 - PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL NOTIFY THE CITY UTILITIES DEPARTMENT AT (360) 435-3811 TO SET UP SCHEDULING.
 - T.E.S.C. MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE WORK.
 - PUBLIC STREETS ARE TO BE KEPT CLEAR OF DIRT AND DEBRIS DURING EXCAVATION AND FILL OPERATIONS.
 - THE SITE SOILS ARE GENERALLY CONSIDERED MOISTURE SENSITIVE AND AS SUCH ARE SUSCEPTIBLE TO DISTURBANCE BY CONSTRUCTION EQUIPMENT, PARTICULARLY DURING PERIODS OF WET WEATHER. THE GRADING CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO LIMIT SURFACE DISTURBANCE AND PROTECT THE SITE GRADING AREA FROM EXCESSIVE RUNOFF EROSION.
 - ANY ADDITIONAL ROUTE OF OVERLAND WATER LEAVING THE SITE MUST PASS THROUGH A FILTER FABRIC FENCE. ADDITIONAL FENCING MUST BE INSTALLED WITHIN 24 HRS IF ACTUAL ROUTE VARIES.
 - AREAS WHICH ARE NOT TO BE COVERED WITH IMPERVIOUS SURFACE MUST BE STABILIZED WITHIN 24 HOURS FROM OCTOBER 1 TO APRIL 30 OR 7 DAYS FROM MAY 1 TO SEPT. 30.



- ### LEGEND:
- EX. FENCE LINE
 - EX. UTILITY POLE
 - EX. SANITARY MAN HOLE
 - SOIL LOG
 - EX. HYDRANT
 - PROPOSED HYDRANT
 - PROPOSED SEWER MANHOLE
 - ZONING BOUNDARY LINE
 - EX. WATER LINE
 - PROPOSED WATER LINE
 - EXISTING SEWER LINE
 - PROPOSED SEWER LINE
 - PROPOSED STORM LINE
 - EX. TREE/TYPE/DIA.
 - VEGETATION CLEARING



APPLICATION:
PLACE WHERE SHOWN ON PLANS AND AS NECESSARY AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE TRANSPORT OF MUD AND DEBRIS ONTO PUBLIC ROADS.

MAINTENANCE:
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT THE TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. PERIODIC TOP DRESSING WITH 2" STONE MAY BE REQUIRED. AS CONDITIONS DEMAND, THE CONTRACTOR SHALL IMMEDIATELY REMOVE ALL DEBRIS SPILLED, DROPPED, WASHED, OR TRACKED, FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS.

WASHING:
IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM THE VEHICLES TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES MUST BE WASHED OFF BEFORE THE VEHICLES ENTER A PUBLIC ROAD. THE WASH WATER MUST BE CARRIED AWAY FROM THE ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.

INSTALLATION:
THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS ON THE PLANS. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECS.

MAINTENANCE OF SILTATION BARRIERS

SILTATION BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 23 DAY OF Feb 2009.
BY: [Signature]

CASCADE SURVEYING & ENGINEERING, INC.
Planners & Surveyors
Engineers
P.O. BOX 306
ARLINGTON, WASHINGTON 98223
FAX: (360) 435-4012
1-800-893-5851
(360) 435-5851

REV.	DATE	BY	T.A.	P.C.

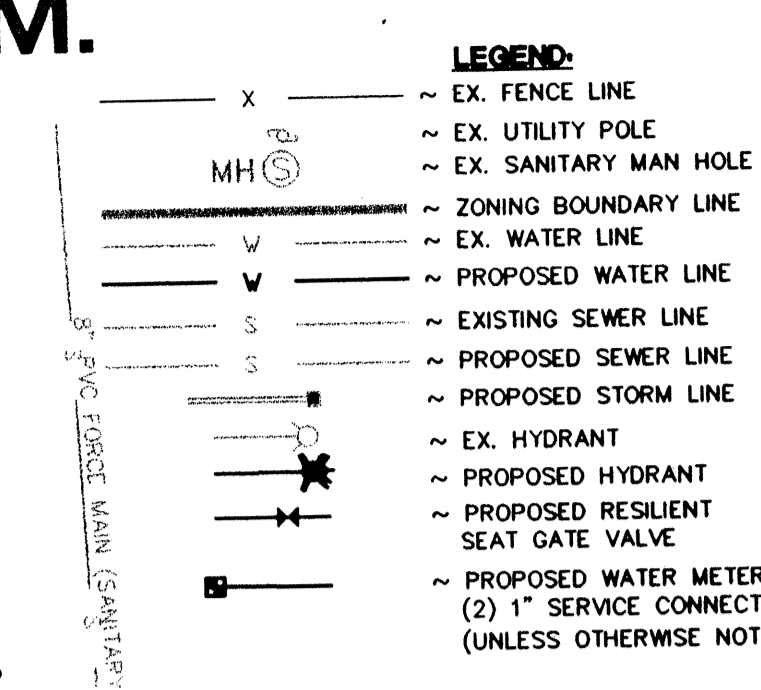
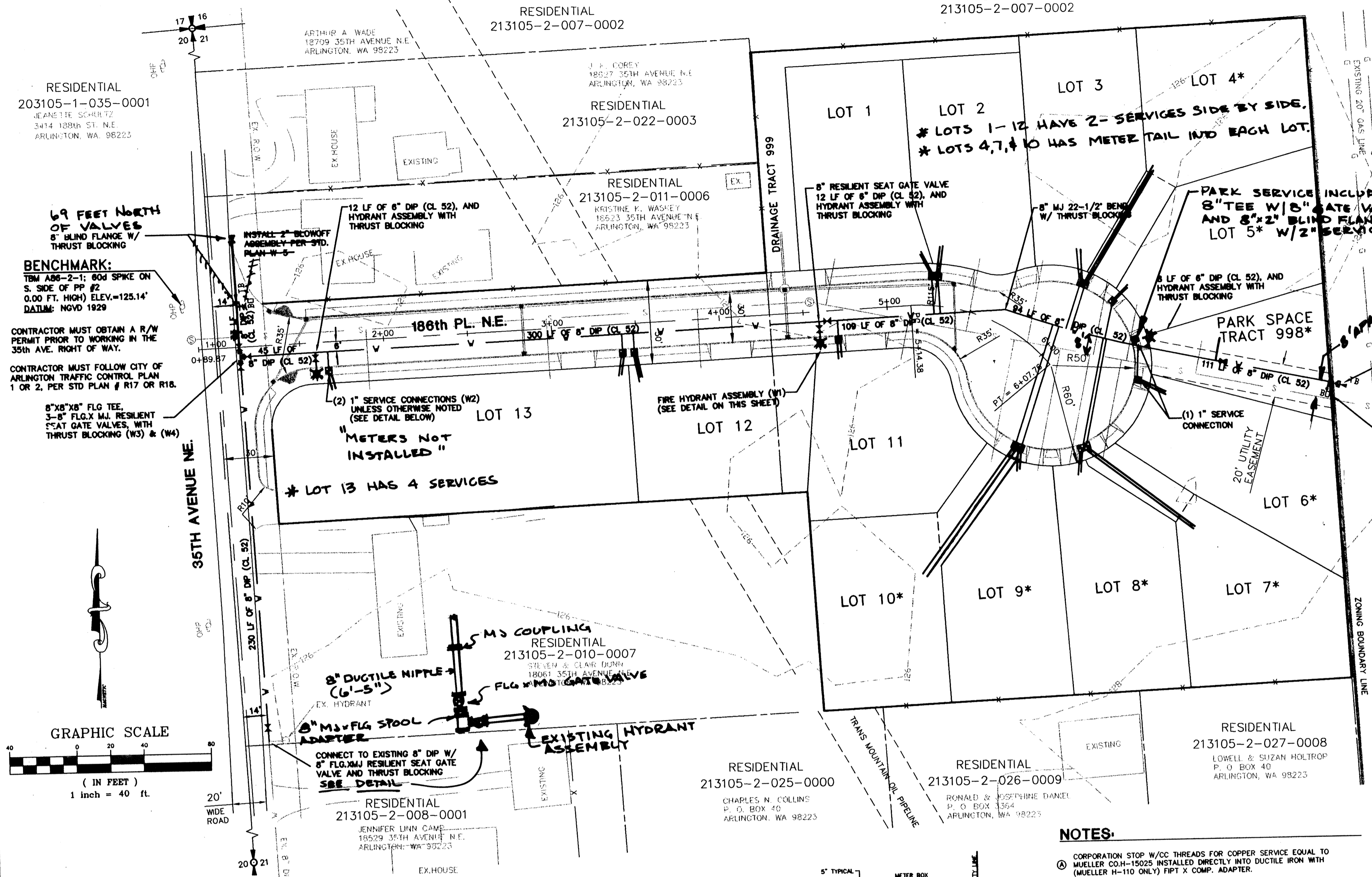
DESIGNED R.L.D. DATE 10/20/00
DRAWN T.A.A. DATE 10/20/00
CHECKED K.E.W. DATE 10/25/00
FIELD BOOK ARL 06

PROJECT FILE NUMBER: MAJ-00-017-LP

ASPEN WOOD MEADOWS
T.E.S.C. PLAN
PROJECT FILE NUMBER: MAJ-00-017-LP

2 OF 9
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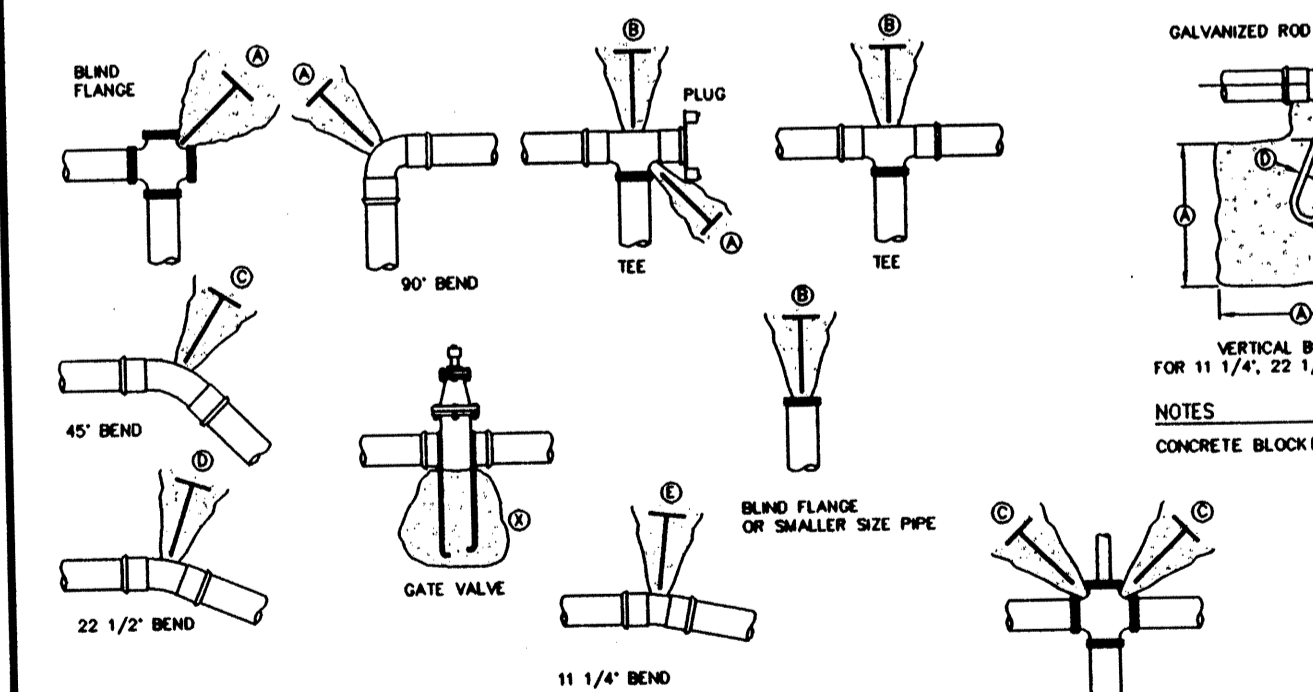
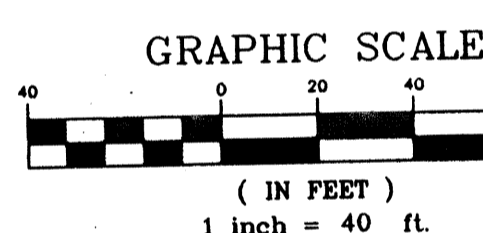
SECTION 21, TWP. 31 N., RGE. 5 E., W.M.



BENCHMARK:
TBM A86-2-1: 600 SPIKE ON S. SIDE OF PP #2 0.00 FT. HIGH ELEV.=125.14' DATUM: NGVD 1929

CONTRACTOR MUST OBTAIN A R/W PERMIT PRIOR TO WORKING IN THE 35th AVE. RIGHT OF WAY.

CONTRACTOR MUST FOLLOW CITY OF ARLINGTON TRAFFIC CONTROL PLAN 1 OR 2, PER STD PLAN # R17 OR R18.



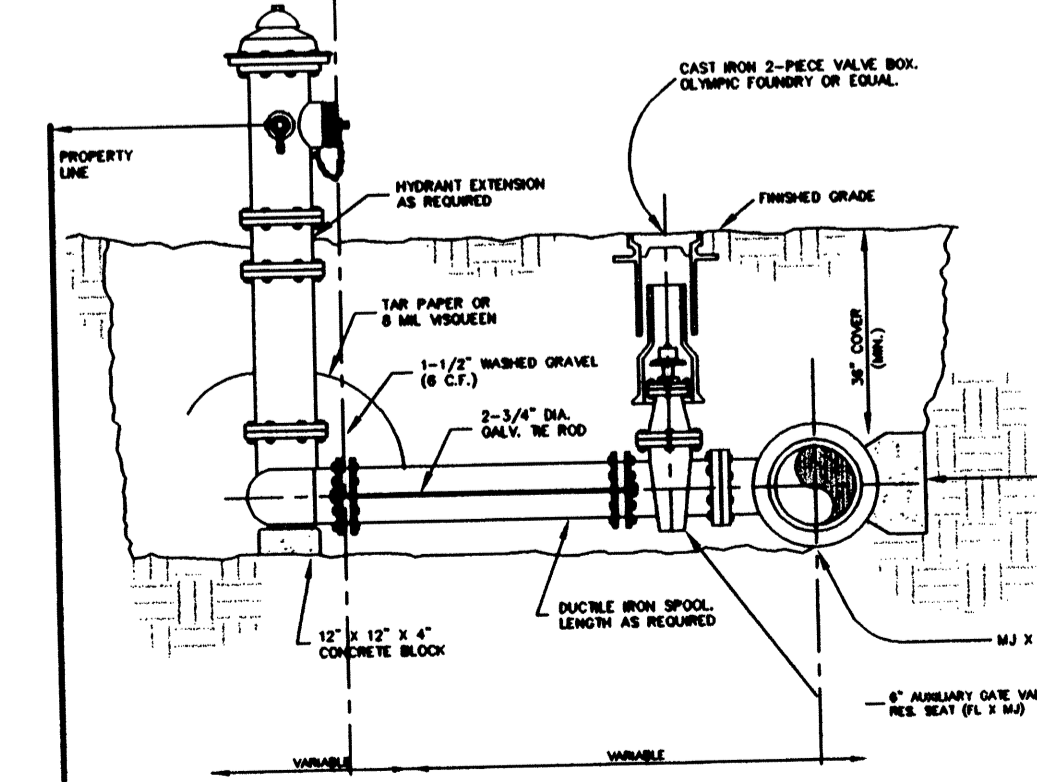
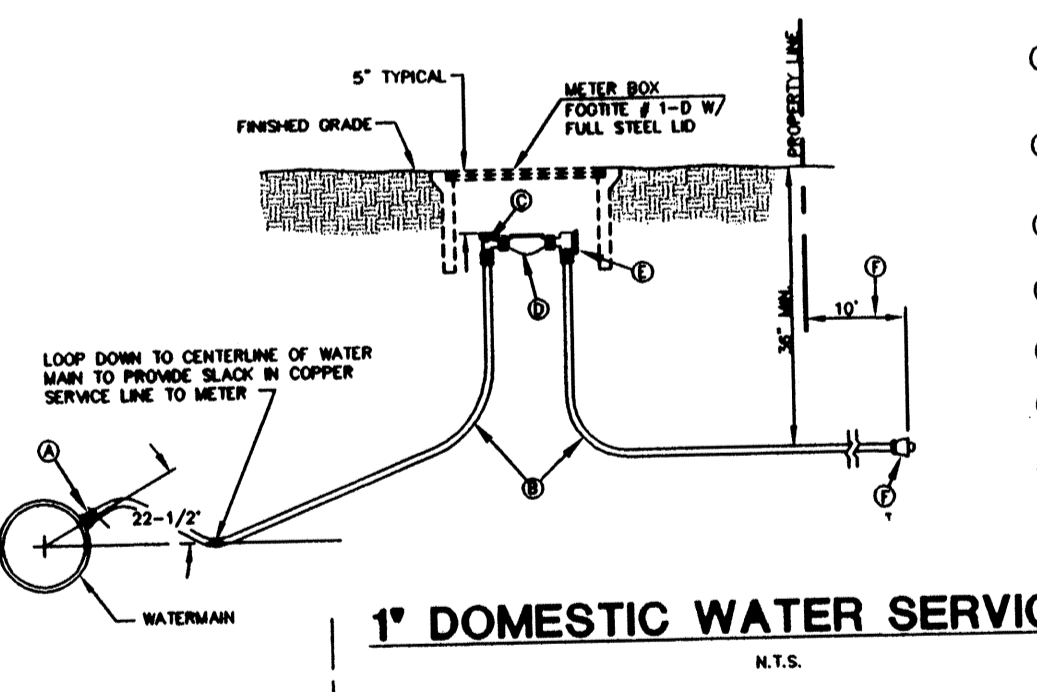
THRUST BLOCK - TABLE

MIN. BEARING AREA AGAINST UNSTRESSSED SOIL

PIPE SIZE FT	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"	16"	20"	24"
1"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2 1/2"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20"	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24"	1	1	1	1	1	1	1	1	1	1	1	1	1	1

VERTICAL BLOCKING

PIPE SIZE	VB	DL	FT	Ø	Ø
4"	11 1/4"	8	2.0	3/4"	2.0'
6"	11 1/2"	11	2.0	3/4"	2.0'
8"	11 3/4"	14	2.0	3/4"	2.0'
10"	12 1/4"	17	2.0	3/4"	2.0'
12"	12 1/2"	20	2.0	3/4"	2.0'
16"	13 1/4"	27	3.0	1 1/8"	3.0'
20"	14 1/4"	34	3.0	1 1/8"	3.0'
24"	15 1/4"	41	3.0	1 1/8"	3.0'
30"	16 1/2"	51	4.0	1 3/8"	4.0'
36"	17 1/2"	61	4.0	1 3/8"	4.0'
42"	18 1/2"	71	4.0	1 3/8"	4.0'
48"	19 1/2"	81	4.0	1 3/8"	4.0'
54"	20 1/2"	91	4.0	1 3/8"	4.0'
60"	21 1/2"	101	4.0	1 3/8"	4.0'
72"	23 1/2"	121	4.0	1 3/8"	4.0'
84"	25 1/2"	141	4.0	1 3/8"	4.0'
96"	27 1/2"	161	4.0	1 3/8"	4.0'
108"	29 1/2"	181	4.0	1 3/8"	4.0'
120"	31 1/2"	201	4.0	1 3/8"	4.0'
132"	33 1/2"	221	4.0	1 3/8"	4.0'
144"	35 1/2"	241	4.0	1 3/8"	4.0'
156"	37 1/2"	261	4.0	1 3/8"	4.0'
168"	39 1/2"	281	4.0	1 3/8"	4.0'
180"	41 1/2"	301	4.0	1 3/8"	4.0'
192"	43 1/2"	321	4.0	1 3/8"	4.0'
204"	45 1/2"	341	4.0	1 3/8"	4.0'
216"	47 1/2"	361	4.0	1 3/8"	4.0'
228"	49 1/2"	381	4.0	1 3/8"	4.0'
240"	51 1/2"	401	4.0	1 3/8"	4.0'
252"	53 1/2"	421	4.0	1 3/8"	4.0'
264"	55 1/2"	441	4.0	1 3/8"	4.0'
276"	57 1/2"	461	4.0	1 3/8"	4.0'
288"	59 1/2"	481	4.0	1 3/8"	4.0'
300"	61 1/2"	501	4.0	1 3/8"	4.0'
312"	63 1/2"	521	4.0	1 3/8"	4.0'
324"	65 1/2"	541	4.0	1 3/8"	4.0'
336"	67 1/2"	561	4.0	1 3/8"	4.0'
348"	69 1/2"	581	4.0	1 3/8"	4.0'
360"	71 1/2"	601	4.0	1 3/8"	4.0'
372"	73 1/2"	621	4.0	1 3/8"	4.0'
384"	75 1/2"	641	4.0	1 3/8"	4.0'
396"	77 1/2"	661	4.0	1 3/8"	4.0'
408"	79 1/2"	681	4.0	1 3/8"	4.0'
420"	81 1/2"	701	4.0	1 3/8"	4.0'
432"	83 1/2"	721	4.0	1 3/8"	4.0'
444"	85 1/2"	741	4.0	1 3/8"	4.0'
456"	87 1/2"	761	4.0	1 3/8"	4.0'
468"	89 1/2"	781	4.0	1 3/8"	4.0'
480"	91 1/2"	801	4.0	1 3/8"	4.0'
492"	93 1/2"	821	4.0	1 3/8"	4.0'



- NOTES:**
- CORPORATION STOP W/CC THREADS FOR COPPER SERVICE EQUAL TO MUELLER CO-H-15025 INSTALLED DIRECTLY INTO DUCTILE IRON WITH (MUELLER H-110 ONLY) FET X COMP. ADAPTER.
 - CTS CL 200 HI MOL POLYPIPE. A #10 COPPER TRACE WIRE IS REQUIRED. CTS CL 200 HI MOL SERVICES SHALL BE 1" MIN. INCLUDING ALL FITTINGS EXCEPT ANGLE METER VALVE AND COUPLINGS WHICH SHALL BE 1" x 3/4".
 - WATER METER STOP WITH LOCK WING FOR COPPER SERVICE EQUAL TO MUELLER CO. H-14255 WITH MUELLER H-110 COMPRESSION FITTINGS.
 - BLANK STUB LENGTH OF FUTURE WATER METER. (LENGTH VARIES DEPENDING ON SERVICE SIZE).
 - 90° ANGLE CHECK COUPLING W/110 ADAPTER.
 - TYPE "K" COPPER, OR CTS CL 200 HI MOL POLYPIPE W/#10 COPPER TRACE WIRE EXTENDED 10' BEYOND PROPERTY LINE.
 - MUELLER 110 x IPT FEMALE ADAPTER AT END.

- NOTES:**
- PAINT HYDRANT WITH YELLOW NO.X-3472.
 - DUG-LOOS JOINT RESTRAINT SYSTEM.
 - THE MJ FOLLOWERS SHALL BE MEGA LUG.
 - PAINT TE-RODS WITH BITUMINOUS PAINT ACCORDING TO APWA STANDARDS.
 - SPECIFICATION #77-3.02A.
 - INSTALL BLUE PAVEMENT MARKER IF HYDRANT IS IN RIGHT-OF-WAY.
 - RED HEAD 5" STORZ TO 4 1/2" NST FEMALE ADAPTER STYLE NO.537-MF-L-STOREZ METALFACE OR EQUAL WITH A METALFACE CAP STYLE NO. 50-MF OR EQUAL.
 - THE DISTANCE BETWEEN THE NEAREST POINT OF THE HYDRANT AND TRAFFIC OR THE FACE OF CURB SHALL BE A MINIMUM OF 24".

- WATER SYSTEM NOTES:**
- DUCTILE IRON WATER PIPE SHALL BE NEW, CLASS 52, CEMENT-LINED, CONFORMING TO ANSI STANDARD A21.51 (AWWA C-151).
 - DUCTILE IRON PIPE SHALL BE PUSH-ON JOINT (TYTON JOINT ONLY) OR MECHANICAL JOINT. PIPE WITH PUSH-ON JOINTS SHALL BE FURNISHED WITH A SINGLE RUBBER GASKET. ALL GASKETS, INCLUDING MJ SHALL BE LUBRICATED TO EFFECT THE SEAL. PIPE WITH MECHANICAL JOINTS SHALL BE FURNISHED WITH A MECHANICAL JOINT OF THE STUFFING BOX TYPE, INCLUDING RUBBER GASKET, CAST-IRON GLAND, AND TEE-HEAD BOLTS AND NUTS TO EFFECT THE SEAL. ALL JOINTS SHALL CONFORM TO ANSI STANDARD A21.11 AWWAC-111.
 - FLANGED JOINTS SHALL CONFORM TO ANSI STANDARD B16.1.
 - INTERNALLY LOCKED JOINTS SHALL BE IN ACCORDANCE WITH ANSI A21.11 AND EQUAL TO U.S. PIPE TR FLEX GRIFFIN "SNAP LOCK".
 - BELL AND SOCKET JOINTS SHALL BE IN ACCORDANCE WITH ANSI A21.10 AND EQUAL TO U.S. PIPE "UNIFLEX".
 - STANDARD THICKNESS CEMENT MORTAR LINING SHALL BE IN ACCORDANCE WITH ANSI STANDARD A21.4 (AWWA C-104).
 - THE CONTRACTOR SHALL FURNISH CERTIFICATION FROM THE MANUFACTURER OF THE PIPE AND GASKET BEING SUPPLIED THAT THE INSPECTION AND ALL OF THE SPECIFIED TESTS HAVE BEEN MADE AND THE RESULTS THEREOF COMPLY WITH THE REQUIREMENTS OF THIS STANDARD.
 - TRENCHES SHALL BE EXCAVATED TO LINE AND DEPTH SO ALL NEW PIPELINES CONSTRUCTED SHALL HAVE NOT 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.
 - THE EXCAVATION SHALL BE MADE IN A STRAIGHT GRADE THROUGH LOCALIZED BREAKS IN GRADE. THE EXCAVATION SHALL BE DEEPENED GRADUALLY AT CHANGES IN THE STREET GRADES SO THAT THERE ARE NO ABRUPT CHANGES IN PIPELINE GRADE. DEFLECTIONS AT EACH PIPE JOINT SHALL NOT EXCEED THE MAXIMUM PERMISSIBLE DEFLECTION.
 - EXCEPT FOR UNUSUAL CIRCUMSTANCES WHERE APPROVED BY THE ENGINEER, THE TRENCH SIDES SHALL BE EXCAVATED VERTICALLY AND THE TRENCH WIDTH SHALL BE EXCAVATED ONLY TO SUCH WIDTHS AS ARE NECESSARY FOR ADEQUATE WORKING SPACE. THE MINIMUM TRENCH WIDTH AT THE TOP OF THE PIPE SHALL NORMALLY BE THE OUTSIDE DIAMETER OF THE PIPE BARREL PLUS 16 INCHES. THE TOP WIDTH OF THE TRENCH SHALL NOT BE KEPT FREE FROM WATER UNTIL JOINTING IS COMPLETE. SURFACE WATER SHALL BE DIVERTED SO NOT WATER INTO THE TRENCH. THE CONTRACTOR SHALL MAINTAIN SUFFICIENT PIPING EQUIPMENT ON THE JOB TO ENSURE THAT THESE PROVISIONS ARE CARRIED OUT. GRAVEL REQUIRED IN THE BOTTOM OF THE TRENCH DUE TO ACTION OF WEATHER OR WORKMAN SHALL BE FURNISHED BY THE CONTRACTOR. THE CONTRACTOR SHALL PERFORM ALL EXCAVATION OF EVERY DESCRIPTION AND OF WHATEVER SUBSTANCE FOR MAKING THE CONNECTIONS AND THE CONTRACTOR SHALL PAY THE CITY ALL COSTS FOR THE CONNECTION. IN THE EVENT THE CITY DOES NOT ELECT TO MAKE THE CONNECTION, THEY MAY AUTHORIZE THE CONTRACTOR TO FURNISH THE CITY APPROVED MATERIALS, EQUIPMENT AND LABOR NECESSARY FOR MAKING THE CONNECTION UNDER THE SUPERVISION OF THE CITY.
 - ALL MATERIAL USED FOR THE CONNECTION SHALL BE THOROUGHLY STERILIZED BY SWABBING THE INTERIOR WITH A CHLORINE SOLUTION OF 50 PPM.
 - BACKFLOW PREVENTION REQUIREMENTS SHALL BE COMPLETED PRIOR TO CONSTRUCTION.
 - 1-1/2" OR 2" WATER SERVICE LINES SHALL BE INSTALLED AS PER CITY OF ARLINGTON STANDARD PLAN W-9 AND W-10.
 - ALL TRENCHING OPERATIONS SHALL BE PERFORMED IN STRICT COMPLIANCE WITH APPLICABLE FEDERAL, STATE, LOCAL AND INDUSTRY SAFETY REGULATIONS AND REQUIREMENTS.
 - ALL PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THESE SPECIFICATIONS, AWWA SPECIFICATIONS, AND THE INSTRUCTIONS OF THE MANUFACTURER SUBJECT TO THE APPROVAL OF THE CITY. ALL PIPE ENDS SHALL BE SQUARE WITH THE LONGITUDINAL AXIS OF THE PIPE AND ANY DAMAGE TO THE ENDS SHALL BE CUT OFF BEFORE INSTALLATION. WHERE NECESSARY TO CUT THE PIPE, THE PIPE SHALL BE CUT WITH APPROVED CUTTING TOOLS.
 - THE PIPE SHALL BE LAID IN A STRAIGHT GRADE THROUGH LOCALIZED BREAKS IN GRADE. THE EXCAVATION SHALL BE DEEPENED GRADUALLY AT CHANGES IN THE STREET GRADES SO THAT THERE ARE NO ABRUPT CHANGES IN PIPELINE GRADE. TO MAINTAIN THE REQUIRED ALIGNMENT, USE SHORT LENGTHS AND DEFLECT THE JOINTS OR USE NECESSARY BENDS. MAXIMUM DEFLECTION ALLOWED PER DIPRA INSTALLATION GUIDE, 1994.
 - EACH PIPE SECTION SHALL BE CAREFULLY LOWERED INTO PLACE IN THE DITCH AFTER INSPECTING IT FOR DEFECTS AND REMOVING ANY GRAVEL OR DIRT, ETC., FROM THE INTERIOR OF THE PIPE.
 - WHEN NECESSARY, WATER MAINS TO BE CONSTRUCTED UNDER OTHER UTILITIES SHALL MEET THE MINIMUM COVER REQUIREMENTS.
 - WHERE IT IS NECESSARY TO CROSS SANITARY SEWER OR STORM SEWER TRENCHES, ALL TRENCH BACKFILL SHALL BE REMOVED AND REPLACED WITH MECHANICALLY COMPACTED PIT RUN MATERIAL TO PROVIDE A UNIFORM SUPPORT FOR THE FULL LENGTH OF THE PIPE.
 - 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.
 - ALL TRENCH SECTIONS IN EXISTING PAVEMENT SHALL BE RESTORED PER STANDARD DETAILS SHOWN ON PAGE 7 OF 9.
 - WATER METER BOXES IN LOTS 4-10 AND TRACT 998, WILL REQUIRE: CONCRETE METER BOX, FOSTITE #2 WITH FULL TRAFFIC STEEL LID.

CASCADE & SURVEYING, INC.
Planners & Surveyors
Engineers
P.O. BOX 308 WASHINGTON 98223
(360) 343-5551
1-800-963-5551

ASPBILT DRAWING

ASPEN WOOD MEADOWS WATER PLAN, NOTES, AND DETAILS
PROJECT FILE NUMBER: M1-00-017-LP

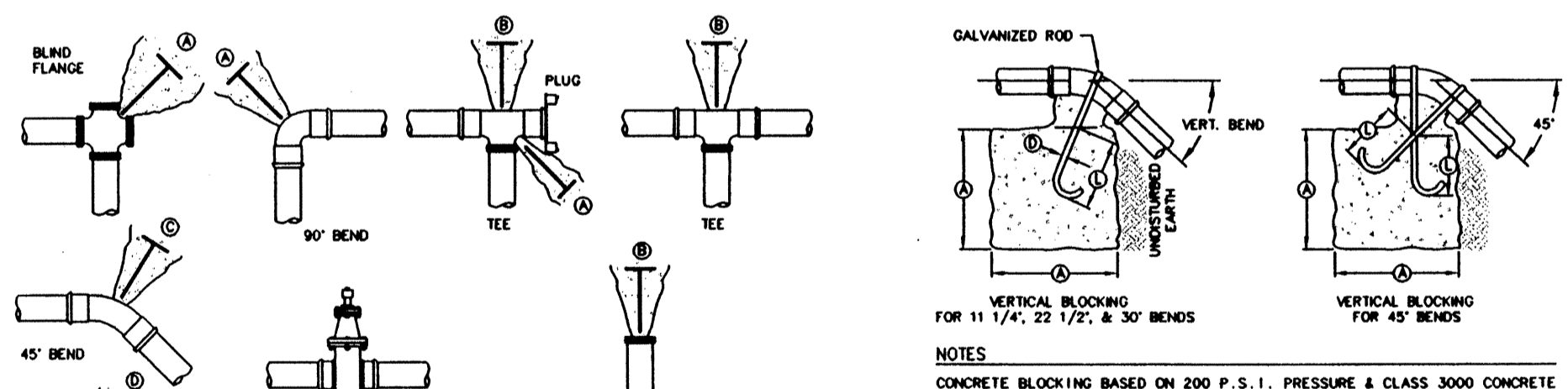
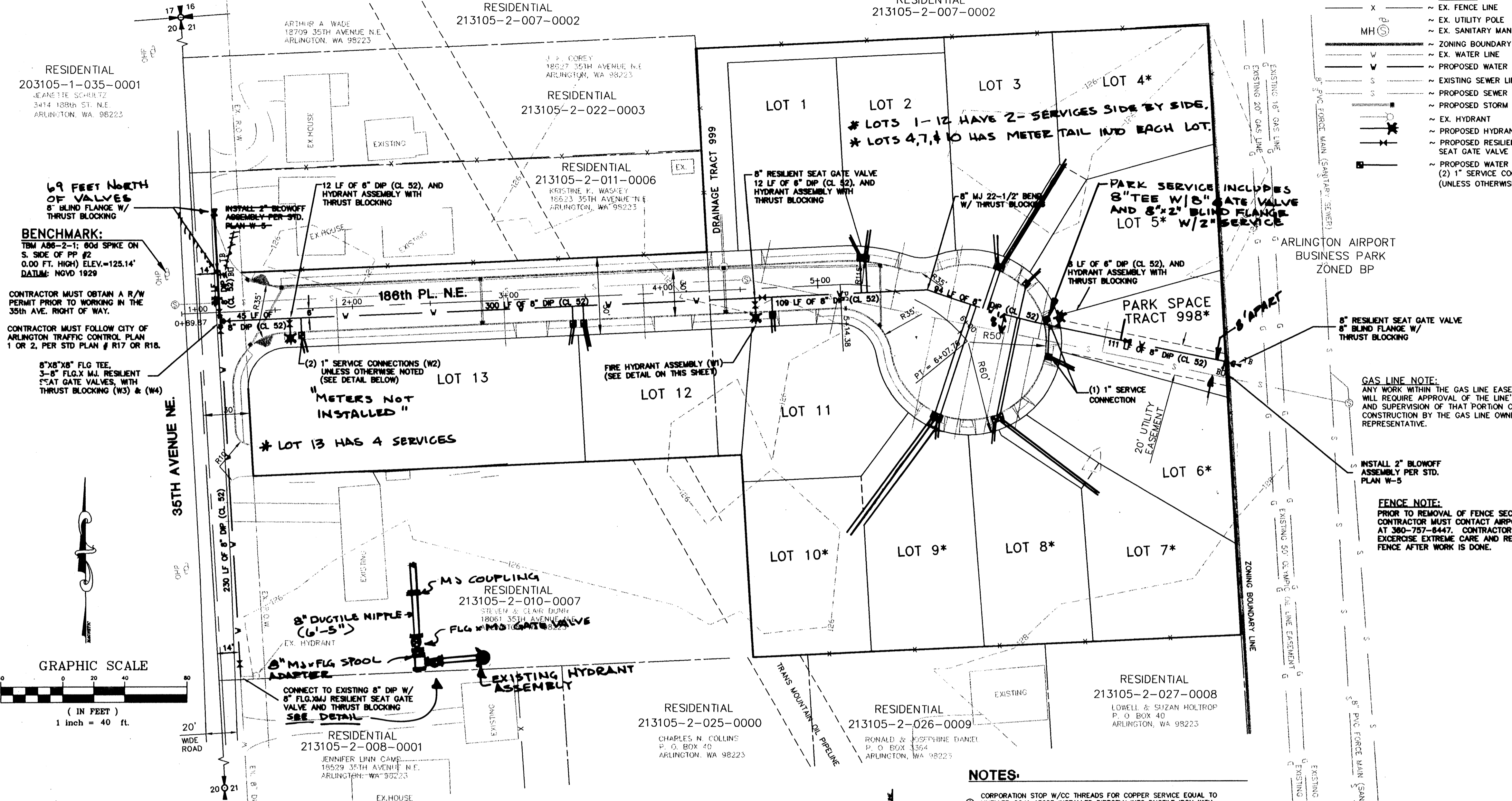
4 OF 9
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EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 23 DAY OF Jan 2009.
CITY OF ARLINGTON
BY: _____

SECTION 21, TWP. 31 N., RGE. 5 E., W.M.

WATER SYSTEM NOTES:

- DUCTILE IRON WATER PIPE SHALL BE NEW, CLASS 52, CEMENT-LINED, CONFORMING TO ANSI STANDARD A21.51 (AWWA C-151).
- DUCTILE IRON PIPE SHALL BE PUSH-ON JOINT (TYTON JOINT ONLY) OR MECHANICAL JOINT. PIPE WITH PUSH-ON JOINTS SHALL BE FURNISHED WITH A SINGLE RUBBER GASKET. ALL GASKETS, INCLUDING MJ SHALL BE LUBRICATED TO EFFECT THE SEAL. PIPE WITH MECHANICAL JOINTS SHALL BE FURNISHED WITH A MECHANICAL JOINT OF THE STUFFING BOX TYPE, INCLUDING RUBBER GASKET, CAST-IRON GLAND, AND TEE-HEAD BOLTS AND NUTS TO EFFECT THE SEAL. ALL JOINTS SHALL CONFORM TO ANSI STANDARD A21.11 AWWAC-111.
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- THE CONTRACTOR SHALL FURNISH CERTIFICATION FROM THE MANUFACTURER OF THE PIPE AND GASKET BEING SUPPLIED THAT THE INSPECTION AND ALL OF THE SPECIFIED TESTS HAVE BEEN MADE AND THE RESULTS THEREOF COMPLY WITH THE REQUIREMENTS OF THIS STANDARD.
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- THE EXCAVATION SHALL BE MADE IN A STRAIGHT GRADE THROUGH LOCALIZED BREAKS IN GRADE. THE EXCAVATION SHALL BE DEEPENED GRADUALLY AT CHANGES IN THE STREET GRADES SO THAT THERE ARE NO ABRUPT CHANGES IN PIPELINE GRADE. DEFLECTIONS AT EACH PIPE JOINT SHALL NOT EXCEED THE MAXIMUM PERMISSIBLE DEFLECTION.
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- TRENCHING OPERATIONS SHALL NOT PROCEED MORE THAN 100 FEET IN ADVANCE OF PIPE LAYING, EXCEPT WITH WRITTEN APPROVAL OF THE CITY.
- WHEN TRENCHING OPERATIONS CUT THROUGH CONCRETE PAVEMENT, THE PAVEMENT SHALL BE REMOVED TO A WIDTH OF 18 INCHES GREATER THAN THE TOP WIDTH OF THE TRENCH. THE CONCRETE SHALL BE CUT ON A STRAIGHT LINE AND SHALL BE BEVELED SO THAT THE CUT WILL APPROXIMATELY 1 INCH WIDER AT THE TOP THAN AT THE BOTTOM. ASPHALT PAVING SHALL BE CUT AHEAD OF THE TRENCHING EQUIPMENT TO PREVENT EXCESSIVE TEARING UP OF THE SURFACING AND TO ELIMINATE RAGGED EDGES.
- THE CONTRACTOR SHALL NOT OPERATE ANY GATE VALVE OR MAKE ANY CONNECTIONS TO THE EXISTING WATER MAIN WITHOUT PRIOR APPROVAL OF THE CITY.
- THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS WITH THE CITY FOR THE CONNECTION TO THE EXISTING WATER MAIN.
- THE CITY MAY ELECT TO FURNISH THE MATERIALS, EQUIPMENT AND LABOR NECESSARY FOR MAKING THE CONNECTIONS AND THE CONTRACTOR SHALL PAY THE CITY ALL COSTS FOR THE CONNECTION. IN THE EVENT THE CITY DOES NOT ELECT TO MAKE THE CONNECTION, THEY MAY AUTHORIZE THE CONTRACTOR TO FURNISH THE CITY APPROVED MATERIALS, EQUIPMENT AND LABOR NECESSARY FOR MAKING THE CONNECTION UNDER THE SUPERVISION OF THE CITY.
- ALL MATERIAL USED FOR THE CONNECTION SHALL BE THOROUGHLY STERILIZED BY SWABBING THE INTERIOR WITH A CHLORINE SOLUTION OF 50 PPM.
- BACKFLOW PREVENTION REQUIREMENTS SHALL BE COMPLETED PRIOR TO CONSTRUCTION.
- 1-1/2" OR 2" WATER SERVICE LINES SHALL BE INSTALLED AS PER CITY OF ARLINGTON STANDARD PLAN W-3 AND W-10.
- ALL TRENCHING OPERATIONS SHALL BE PERFORMED IN STRICT COMPLIANCE WITH APPLICABLE FEDERAL, STATE, LOCAL AND INDUSTRY SAFETY REGULATIONS AND REQUIREMENTS.
- ALL PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THESE SPECIFICATIONS, AWWA SPECIFICATIONS, AND THE INSTRUCTIONS OF THE MANUFACTURER SUBJECT TO THE APPROVAL OF THE CITY. ALL PIPE ENDS SHALL BE SQUARE WITH THE LONGITUDINAL AXIS OF THE PIPE AND ANY DAMAGE TO THE ENDS SHALL BE CUT OFF BEFORE INSTALLATION. WHERE NECESSARY TO CUT THE PIPE, THE PIPE SHALL BE CUT WITH APPROVED CUTTING TOOLS.
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- 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.
- ALL TRENCH SECTIONS IN EXISTING PAVEMENT SHALL BE RESTORED PER STANDARD DETAILS SHOWN ON PAGE 7 OF 9.
- WATER METER BOXES IN LOTS 4-10 AND TRACT 998, WILL REQUIRE: CONCRETE METER BOX, FOOTICE #2 WITH FULL TRAFFIC STEEL LID.

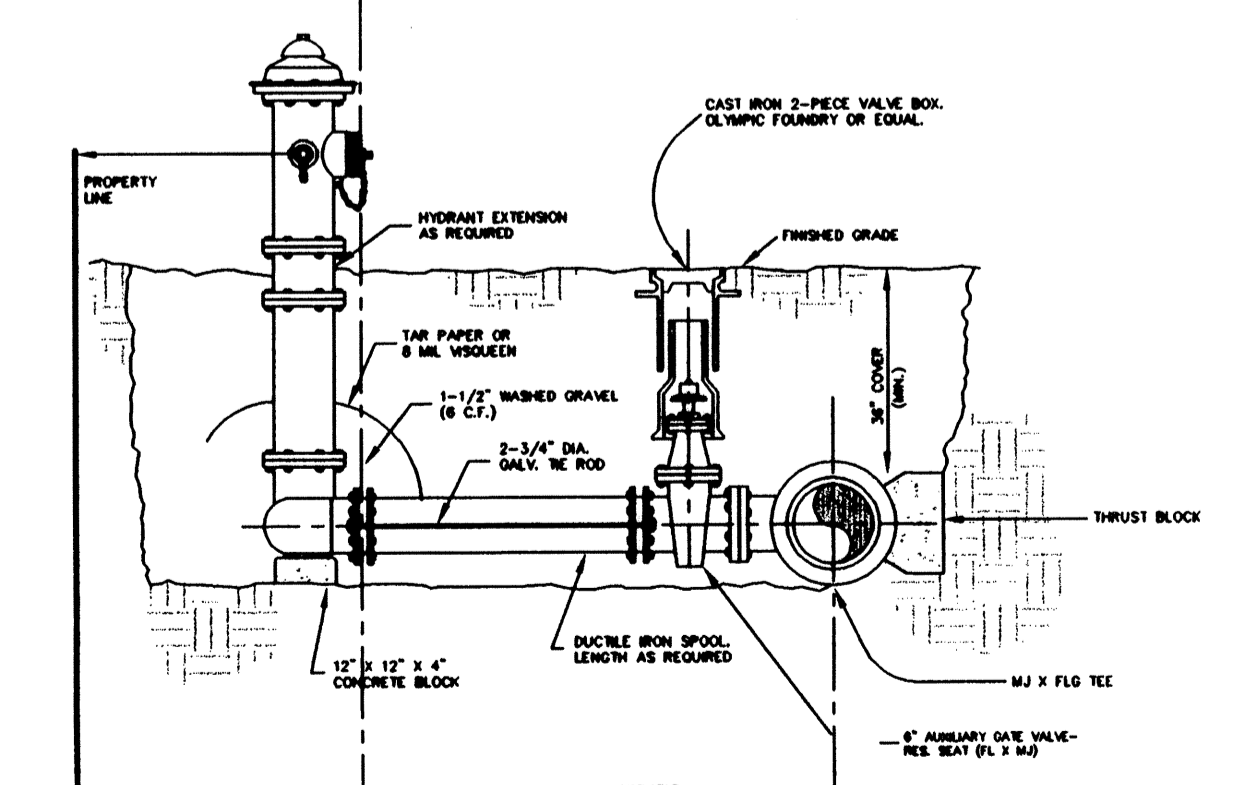
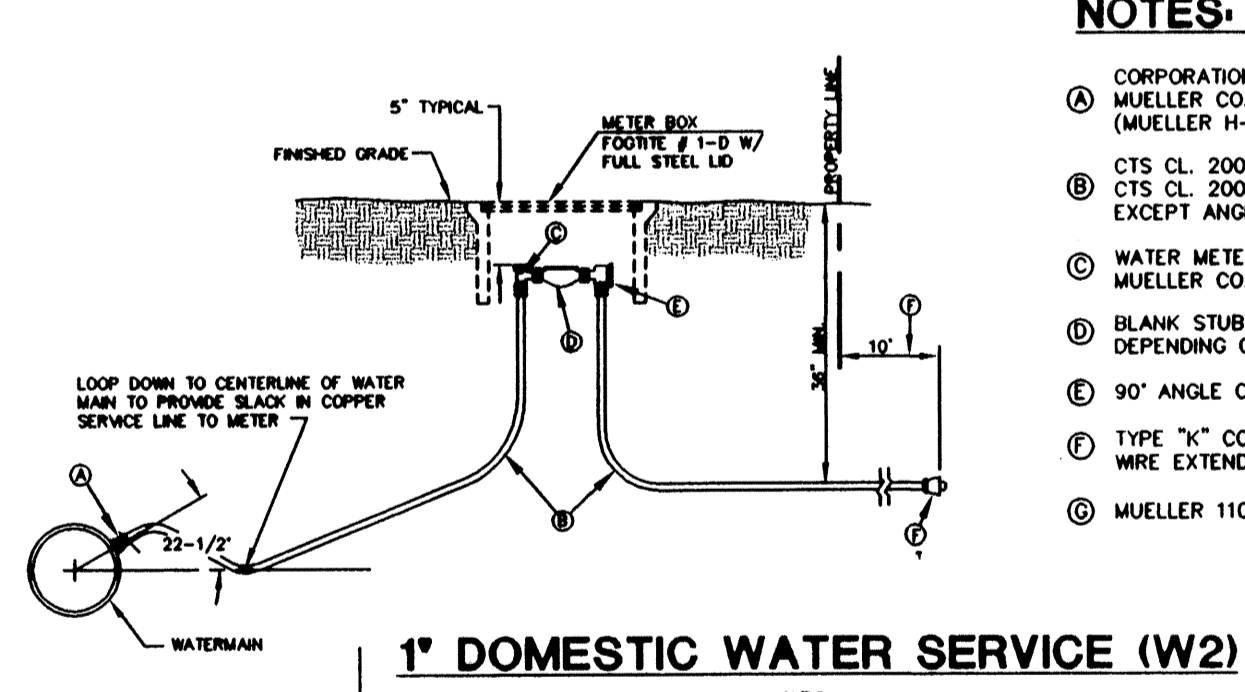


THRUST BLOCK - TABLE

PIPE SIZE (FT)	①	②	③	④	⑤	⑥
4"	3	1	1	1	1	NONE
6"	4	2	2	2	2	NONE
8"	7	4	4	4	4	1
10"	11	10	10	10	10	2
12"	16	14	14	14	14	3
14"	22	19	19	19	19	4
16"	28	24	24	24	24	5
18"	36	31	31	31	31	6
20"	45	39	39	39	39	8
22"	54	47	47	47	47	10
24"	64	55	55	55	55	12
26"	75	64	64	64	64	14
28"	87	74	74	74	74	16
30"	101	85	85	85	85	18
36"	125	105	105	105	105	24
42"	157	133	133	133	133	30
48"	207	177	177	177	177	40

NOTES:

- BEARING AREA OF CONCRETE THRUST BLOCK BASED ON 200 PSI PRESSURE AND SAFE SOIL-BEARING LOAD OF 2,000 POUNDS PER SQUARE FOOT.
- AREAS MUST BE ADJUSTED FOR OTHER PIPE SIZES, PRESSURES, AND SOIL CONDITIONS.
- CONCRETE BLOCKING (CLASS 3000) SHALL BE CAST IN PLACE AND HAVE A MINIMUM OF 1/4 SQUARE FOOT BEARING AGAINST THE FITTINGS.
- BLOCK SHALL BEAR AGAINST FITTINGS ONLY AND SHALL BE CLEAR OF JOINTS TO PERMIT TAKING UP OR DISMANTLING OF JOINT.
- CONTRACTOR SHALL INSTALL BLOCKING ADEQUATE TO WITHSTAND FULL TEST PRESSURE UNDER ALL CONDITIONS OF SERVICE.
- MIN. ROD DIAMETER SHALL BE 3/4" ASTM A-307 WITH 36KSI YIELD STRENGTH.



VERTICAL BLOCKING

PIPE SIZE	VB	COL. FT.	①	②	③
4"	11 1/4"	8	2.0"	3/4"	2.0"
6"	22 1/2"	17	2.5"	3/4"	2.0"
8"	30"	25	3.0"	3/4"	2.0"
10"	36"	33	3.5"	3/4"	2.0"
12"	42"	41	4.0"	3/4"	2.0"
14"	48"	49	4.5"	3/4"	2.0"
16"	54"	57	5.0"	3/4"	2.0"
18"	60"	65	5.5"	3/4"	2.0"
20"	66"	73	6.0"	3/4"	2.0"
22"	72"	81	6.5"	3/4"	2.0"
24"	78"	89	7.0"	3/4"	2.0"
26"	84"	97	7.5"	3/4"	2.0"
28"	90"	105	8.0"	3/4"	2.0"
30"	96"	113	8.5"	3/4"	2.0"
36"	120"	141	10.0"	3/4"	2.0"
42"	150"	177	12.0"	3/4"	2.0"
48"	180"	213	14.0"	3/4"	2.0"

CONCRETE BLOCKING (W3) & (W4)

5 1/4" MVO HYDRANT - MUELLER A-423 ONLY
FIRE HYDRANT ASSEMBLY (W1)

- NOTES:**
- CORPORATION STOP W/CC THREADS FOR COPPER SERVICE EQUAL TO MUELLER CO. H-15025 INSTALLED DIRECTLY INTO DUCTILE IRON WITH (MUELLER H-110 ONLY) FPT X COMP. ADAPTER.
 - CTS CL. 200 HI MOL POLYPIPE. A #10 COPPER TRACE WIRE IS REQUIRED. CTS CL. 200 HI MOL SERVICES SHALL BE 1" MIN. INCLUDING ALL FITTINGS EXCEPT ANGLE METER VALVE AND COUPLINGS WHICH SHALL BE 1" x 3/4".
 - WATER METER STOP WITH LOCK WING FOR COPPER SERVICE EQUAL TO MUELLER CO. H-14255 WITH MUELLER H-110 COMPRESSION FITTINGS.
 - BLANK STOP THE LENGTH OF FUTURE WATER METER. (LENGTH VARIES DEPENDING ON SERVICE SIZE).
 - 90° ANGLE CHECK COUPLING W/110 ADAPTER.
 - TYPE "K" COPPER, OR CTS CL. 200 HI MOL POLYPIPE W/#10 COPPER TRACE WIRE EXTENDED 10' BEYOND PROPERTY LINE.
 - MUELLER 110 x IPT FEMALE ADAPTER AT END.

- NOTES:**
- PAINT HYDRANT WITH YELLOW NO.X-3472.
 - DUG-LUGS JOINT RESTRAINT SYSTEM.
 - THE MJ FOLLOWERS SHALL BE MEGA LUG.
 - PAINT TE-RODS WITH BITUMINOUS PAINT ACCORDING TO APWA STANDARDS.
 - SPECIFICATION #77-3.02A.
 - INSTALL BLUE PAVEMENT MARKER IF HYDRANT IS IN RIGHT-OF-WAY.
 - RED HEAD 5" STORZ TO 4 1/2" NST FEMALE ADAPTER STYLE NO.537-MF-1-STORZ METALFACE OR EQUAL WITH A METALFACE CAP STYLE NO. SC-MF OR EQUAL.
 - THE DISTANCE BETWEEN THE NEAREST POINT OF THE HYDRANT AND TRAFFIC OR THE FACE OF CURB SHALL BE A MINIMUM OF 24".

CASCADE & SURVEYING, INC.
Engineers
P.O. BOX 708
ARLINGTON, WASHINGTON 98023
(360)436-5551
FAX (360)436-5552

ASPHEN WOOD MEADOWS WATER PLAN, NOTES, AND DETAILS
PROJECT FILE NUMBER: MJ-00-07-LP

4 OF 9
#13714
..13714.DWG(13714EN).DWG

DESIGNED	START DATE	10/20/00
DRAWN	TITLE	10/20/00
CHECKED	DATE	10/25/00
PER CITY COMMENTS	DATE	11/20/00
REVISION	DATE	BY

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 23 DAY OF JAN 2001
CITY OF ARLINGTON

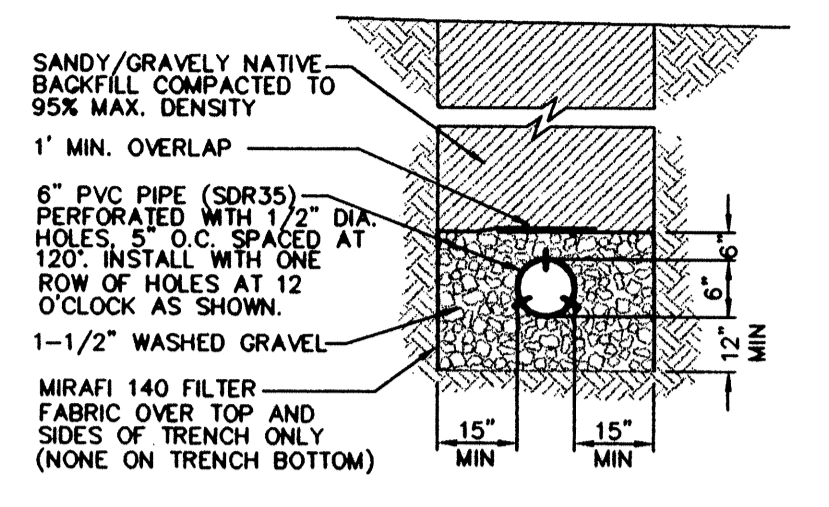
SECTION 21, TWP. 31 N., RGE. 5 E., W.M.

RESIDENTIAL
213105-2-007-0002

NOTE:
INDIVIDUAL LOT DRAIN TRENCHES
SHALL NOT BE INSTALLED IN THE
EASEMENTS OR BUFFER AREAS.

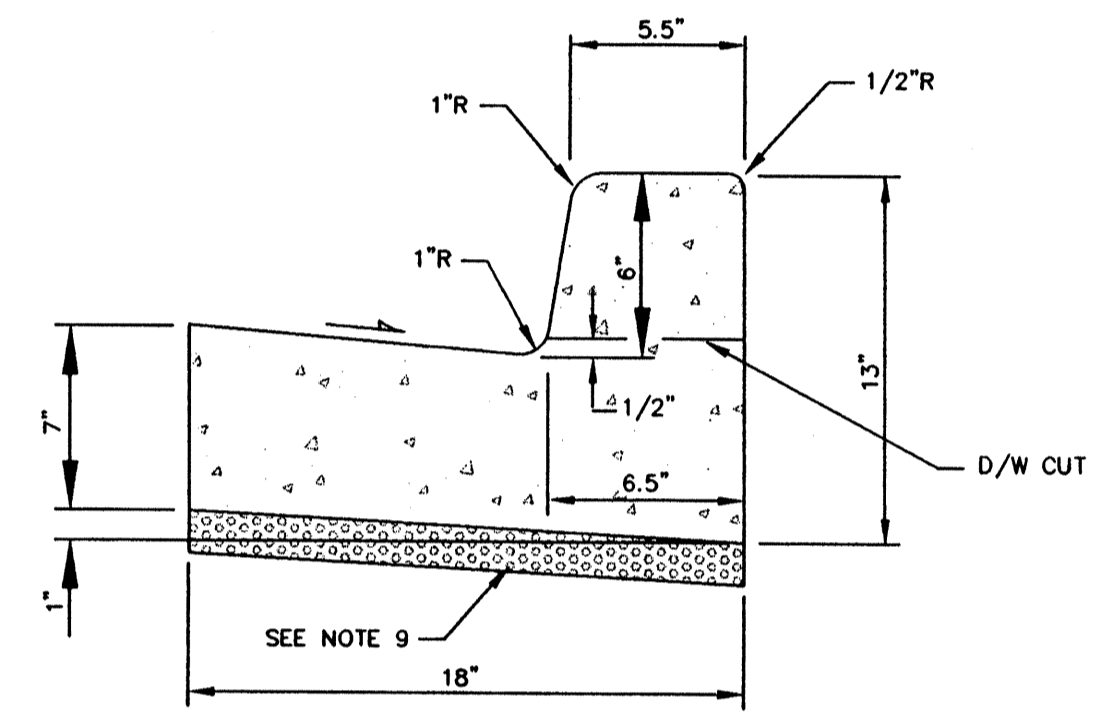
CASCADE SURVEYING & ENGINEERING, INC.
Planners Surveyors Engineers
P.O. BOX 336
ARLINGTON, WASHINGTON 98223
P.L. 060335-0012
1-800-565-5651
(360)435-5551

- LEGEND:**
- X- EX. FENCE LINE
 - - - 2 FT. CONTOUR INTERVAL
 - MH (S) EX. UTILITY POLE
 - - - EX. SANITARY MAN HOLE
 - - - ZONING BOUNDARY LINE
 - - - EX. WATER LINE
 - - - PROPOSED WATER LINE
 - - - EXISTING SEWER LINE
 - - - PROPOSED SEWER LINE
 - - - EX. HYDRANT
 - - - PROPOSED HYDRANT

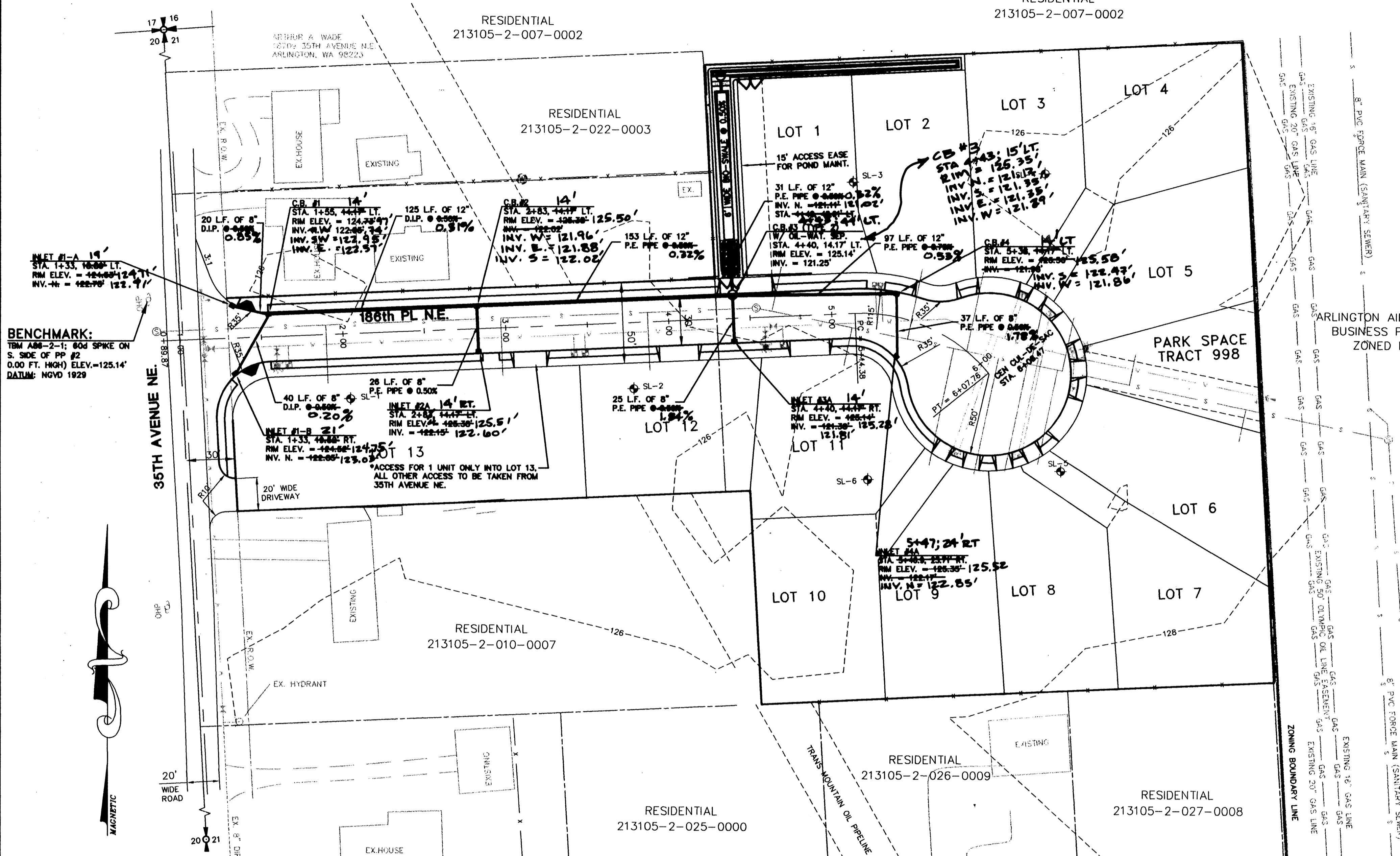


NOTE:
*2,800 SQ. FT. OF IMPERVIOUS SURFACE REQUIRES 50 L.F. OF TRENCH.
*3,050 SQ. FT. OF IMPERVIOUS SURFACE REQUIRES 57 L.F. OF TRENCH.
(FOR LOTS 1, 2, 3, 5, 6, 8, 9, 11, AND 12)
*3,500 SQ. FT. OF IMPERVIOUS SURFACE REQUIRES 65 L.F. OF TRENCH.
(FOR LOTS 4, 7, AND 10)
GROUND WATER WILL BE PROTECTED BY THE USE OF B.M.P.'S SUCH AS BIO-SWALES AND OIL WATER SEPARATOR.

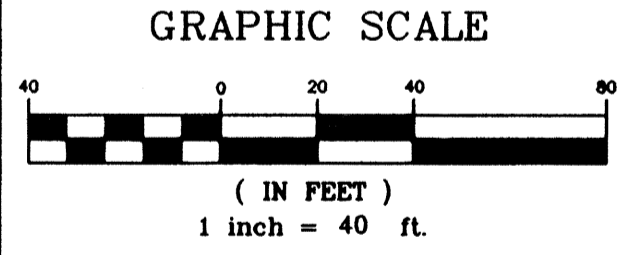
CEMENT CONCRETE CURB & GUTTER (R 4)
N.T.S.



- NOTES:**
- FORMS SHALL BE TRUE TO LINE AND GRADE AND SECURELY STAKED.
 - DUMMY JOINTS SHALL BE PLACED ON 15' CENTERS. DUMMY JOINTS SHALL BE 1/2" X 1-1/2".
 - THRU JOINTS SHALL BE PLACED ADJACENT TO CATCH BASINS, INLETS AND AT POINTS OF TANGENCY ON STREETS, ALLEY AND DRIVEWAY RETURNS. MAXIMUM SPACING SHALL BE 30' PRE-MOLDED JOINT FILLER SHALL BE 1/2" WIDE AND CONFORM TO AASHTO DESIGN M213.
 - ALL JOINTS SHALL BE CLEAN AND EDGED.
 - CONCRETE SHALL BE CEMENT, CLASS 3000.
 - STEEL FORMS ONLY SHALL BE USED ON TANGENT SECTIONS. WOOD FORMS MAY BE USED ON CURVED SECTIONS.
 - FINISH SHALL BE LIGHT BROWN FINISH.
 - THE FINISHED CURB SHALL BE SPRAYED WITH A TRANSPARENT CURING COMPOUND AND COVERED BY WATERPROOF PAPER OR PLASTIC MEMBRANE IN THE EVENT OF RAIN OR OTHER UNSUITABLE WEATHER. CURING TIME SHALL BE A MIN. OF 72 HOURS.
 - ALL CURB AND GUTTER SHALL BE PLACED ON A MIN. OF 2" OF CRUSHED SURFACING TOP COURSE.
 - DUMMY JOINT 1/2" X 1-1/2" BETWEEN A-1 CURB AND GUTTER AND THE SIDEWALK.



BENCHMARK:
TBM ABB-2-1; 604 SPIKE ON S. SIDE OF PP #2
0.00 FT. HIGH ELEV. = 125.14'
DATE: NOV 1929



HIGH POINT ELEV = 125.84
HIGH POINT STA = 3+25
PVI STA = 3+25
RM ELEV = 125.97
A.D. = -1.00
100.00' VC

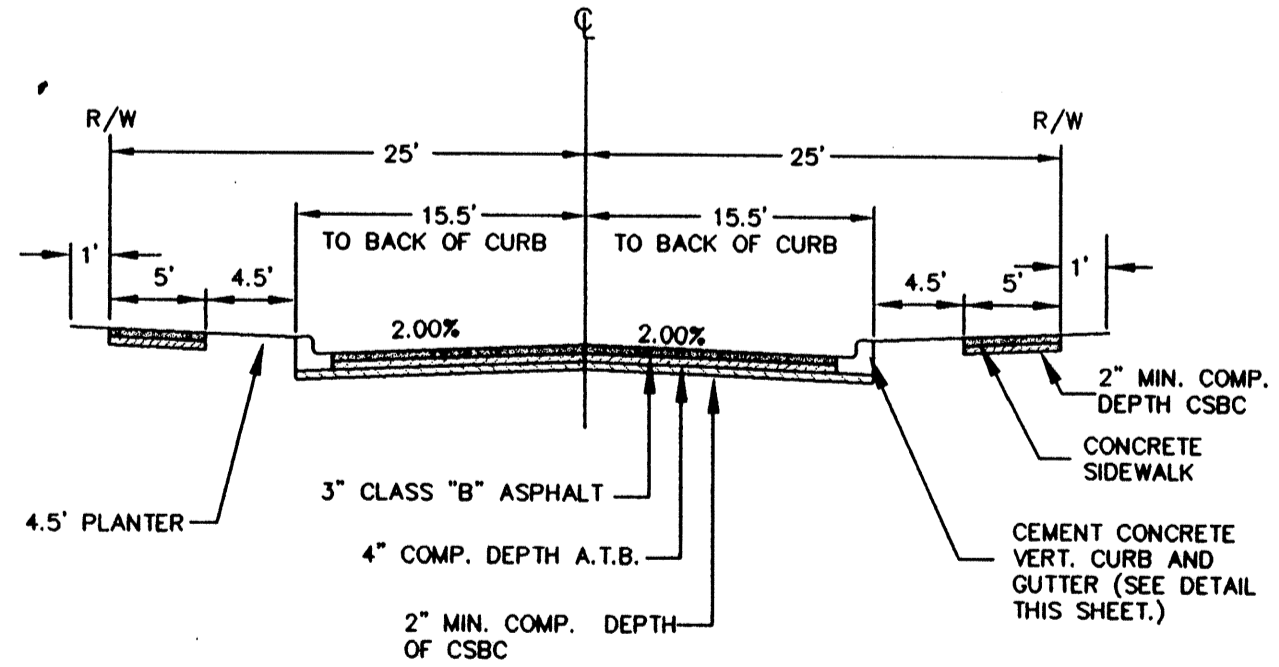
LOW POINT ELEV = 125.52
LOW POINT STA = 4+40
PVI STA = 4+40
RM ELEV = 125.39
A.D. = 1.00
100.00' VC

DRIVEWAY CUT INFO.

LOT	STATION	WIDTH
LOT 12	4+08	24'
LOT 11	4+86	24'
LOT 10	6+22	10'
LOT 9	6+08	10'
LOT 8	6+08	10'
LOT 7	6+08	10'
LOT 6	6+08	24'
LOT 5	6+08	20'
LOT 4	6+06	10'
LOT 3	6+08	24'
LOT 2	5+58	24'
LOT 1	4+49	32'
PARK	6+08	10'
*LOT 13	3+15	20'

STORM SEWER SYSTEM NOTES:

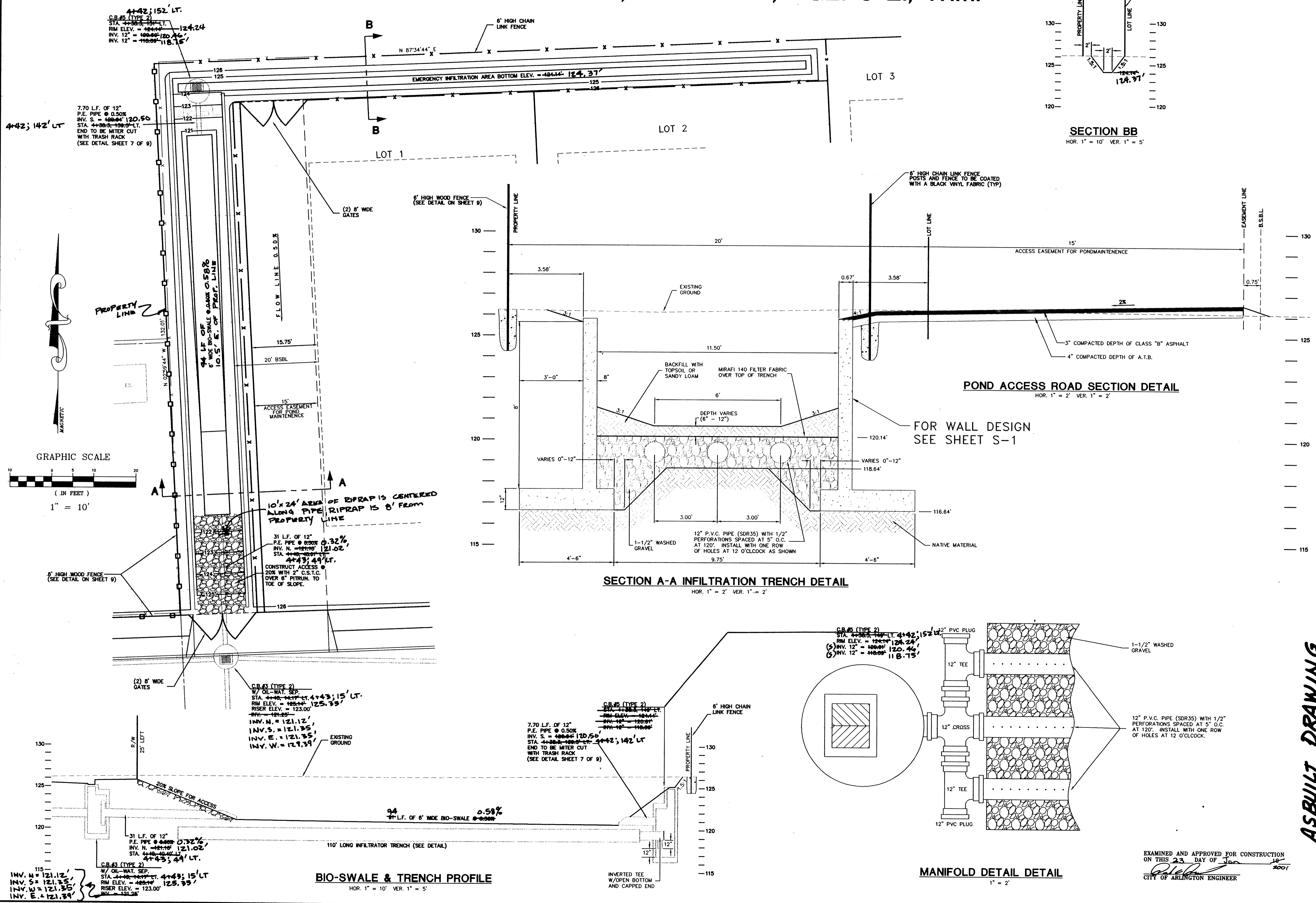
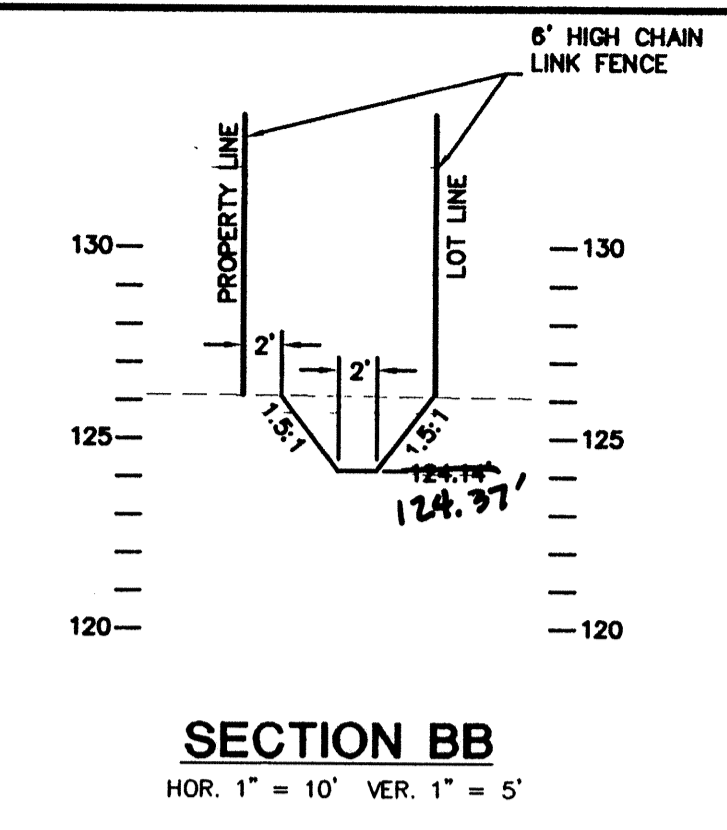
- ALL 12 INCH AND SMALLER STORM PIPE AND FITTINGS SHALL BE INTEGRAL WALL BELL AND SPIGOT, RUBBER GASKET JOINT, PVC CONFORMING TO ASTM 3034 SDR 35. IF LESS THAN 30' OF COVER P.V.C. 900 OR CL 52 D.I.P. SHALL BE USED.
- ALL 30 INCH STORM PIPE AND FITTINGS SHALL BE CORRUGATED HIGH DENSITY POLY-ETHYLENE. DOUBLE WALLED SMOOTH INTERIOR PIPE SHALL BE USED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL CATCH BASIN FRAMES AND GRATES JUST PRIOR TO PAVING.
- ALL CATCH BASINS SHALL BE TYPE 1, UNLESS OTHERWISE NOTED.
- ALL CATCH BASINS WITH A DEPTH OVER 5 FEET TO THE FLOWLINE SHALL BE TYPE 2 C.B.
- ALL GRATES (INLET & CATCH BASINS) SHALL BE PLACED AT THE PAVEMENT LEVEL.
- ALL STEEL PIPES, CULVERTS, TANKS, AND OTHER STEEL PARTS OF ANY STORM SYSTEM SHALL BE GALVANIZED OR HAVE A TREATMENT 2(TWO) ASPHALT COATING OR BETTER AS SPECIFIED IN THE W.S.D.O.T. STANDARD SPECIFICATIONS. ALUMINUM AND CONCRETE PIPES AND STRUCTURES DO NOT REQUIRE A TREATMENT 1 COATING.



EXAMINED AND APPROVED FOR CONSTRUCTION
ON THIS 23 DAY OF Jan 2017
CITY OF ARLINGTON ENGINEER

ASBUILT DRAWING
ASPEN WOOD MEADOWS
ROAD & STORM
PLAN & PROFILE
PROJECT FILE NUMBER: MA-00-017-LP

SECTION 21, TWP. 31 N., RGE. 5 E., W.M.



CASCADE & SURVEYING & ENGINEERING, INC.
 Engineers Surveyors Planners
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 T-800-952-5551

Professional Seal: WASHINGTON STATE PROFESSIONAL ENGINEERS AND SURVEYORS
 License No. 15-341-01
 Expires: 07/07/02

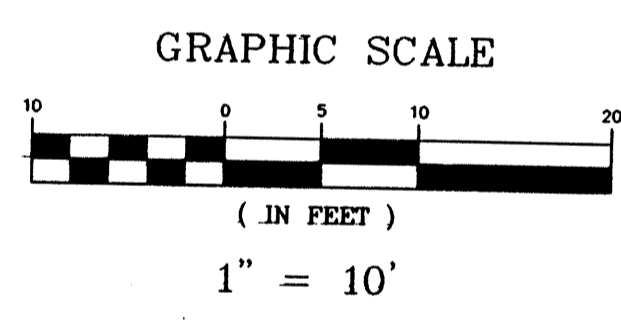
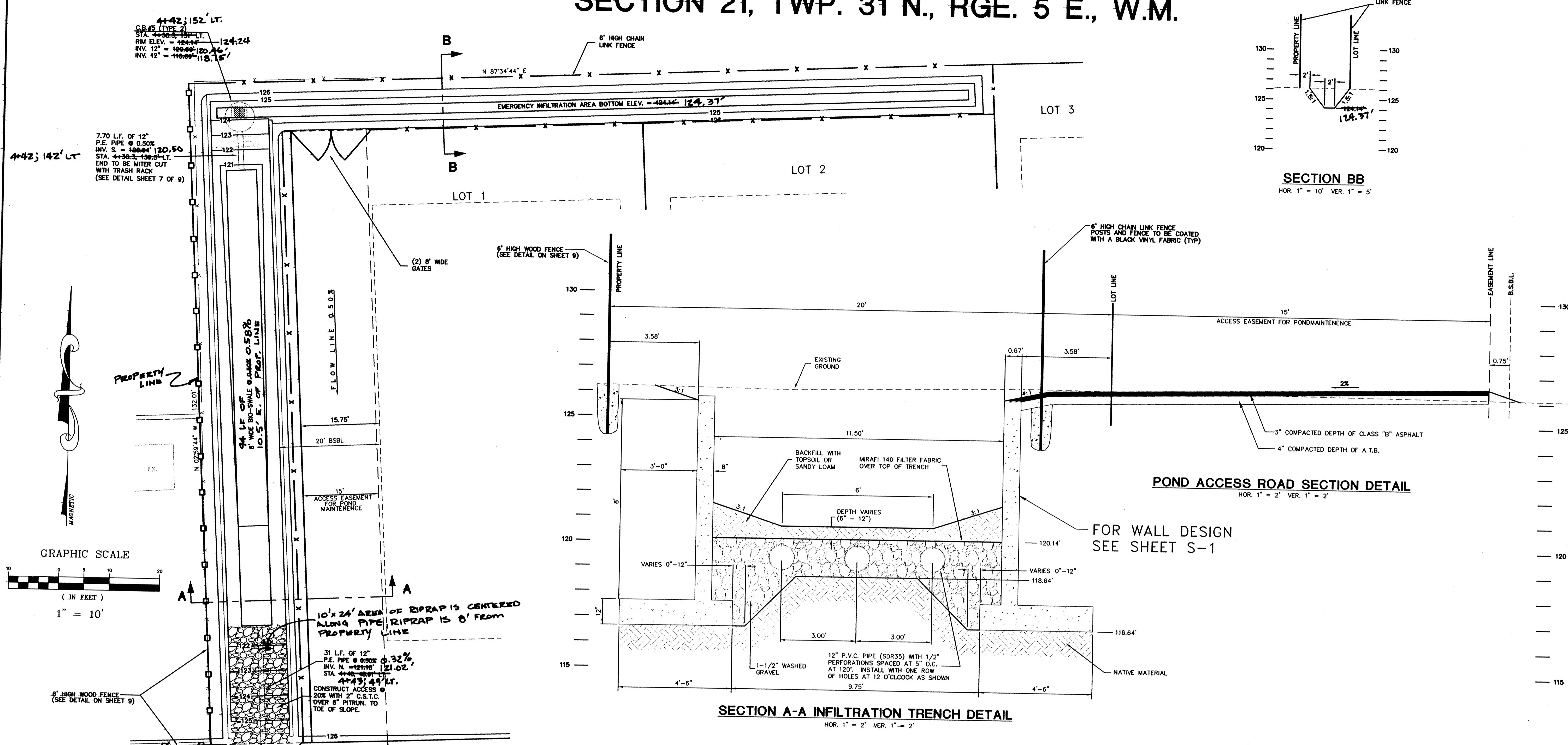
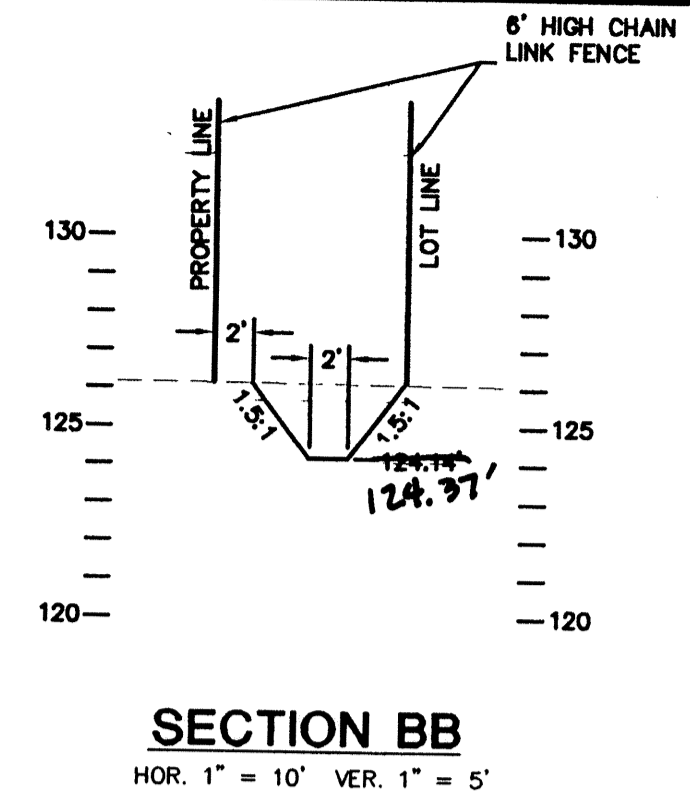
DATE	BY	REVISION
11/20/00	T.N.	PER CITY COMMENTS
07/13/01	T.A.A.	PER CITY COMMENTS
11/17/00	T.M.	ADDED ASBUILT INFO

DESIGNED I.N.	DATE 10/20/00
DRAWN I.N.	DATE 10/20/00
CHECKED K.E.W.	DATE 10/25/00
FIELD BOOK	APR 06

ASBUILT DRAWING
ASPEN WOOD MEADOWS DRAINAGE FACILITIES
 PROJECT FILE NUMBER: MJ-00-017-LP

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 23 DAY OF Jan 2001
 CITY OF ARLINGTON ENGINEER

SECTION 21, TWP. 31 N., RGE. 5 E., W.M.



POND ACCESS ROAD SECTION DETAIL
HOR. 1" = 2' VER. 1" = 2'

SECTION A-A INFILTRATION TRENCH DETAIL
HOR. 1" = 2' VER. 1" = 2'

MANIFOLD DETAIL DETAIL
1" = 2'

BIO-SWALE & TRENCH PROFILE
HOR. 1" = 10' VER. 1" = 5'

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ASBUILT DRAWING

ASPEN WOOD MEADOWS DRAINAGE FACILITIES

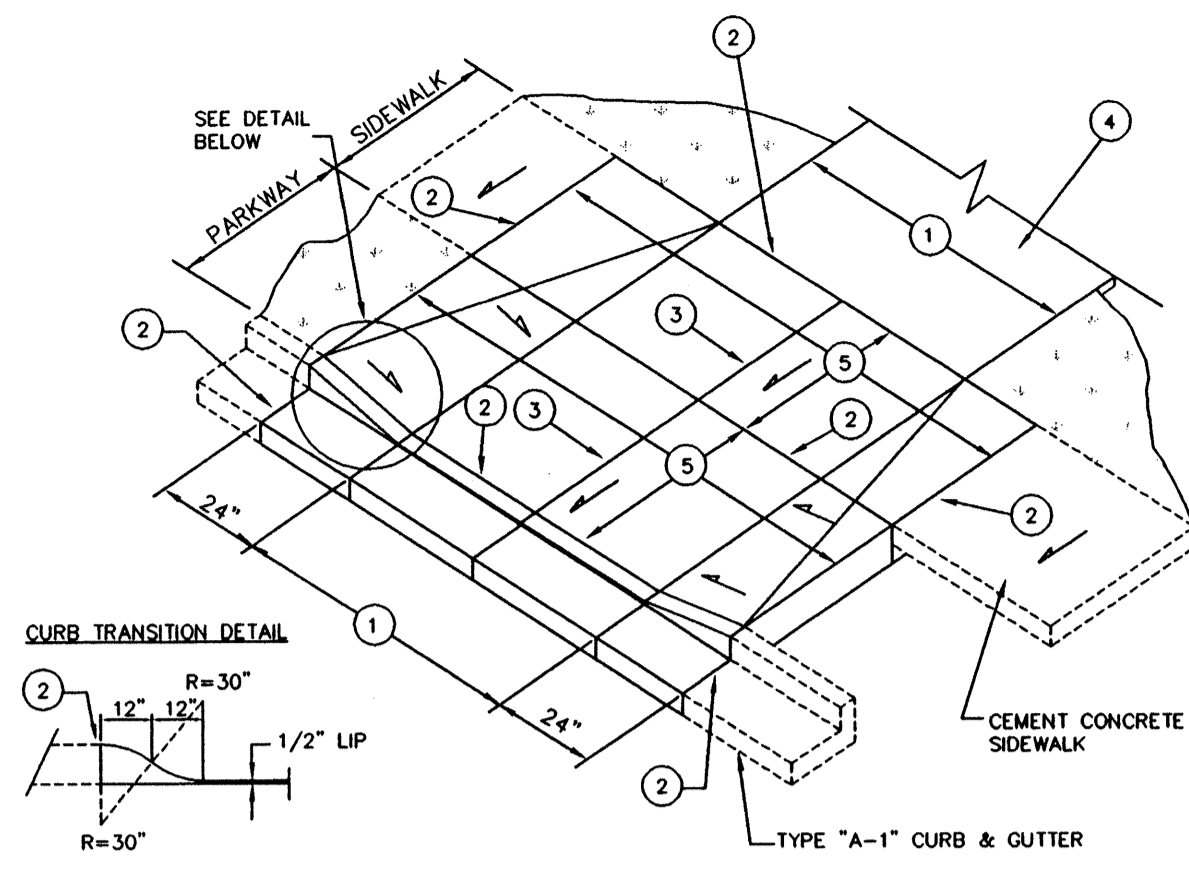
PROJECT FILE NUMBER: MJ-00-07-LP

DESIGNED I.N. DATE 10/20/00
DRAWN I.N. DATE 10/20/00
CHECKED K.E.W. DATE 02/25/00
FIELD BOOK ARL 06

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 23 DAY OF Jan 2001
CITY OF ARLINGTON ENGINEER

6 OF 9

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..13714\13714ENB.DWG.



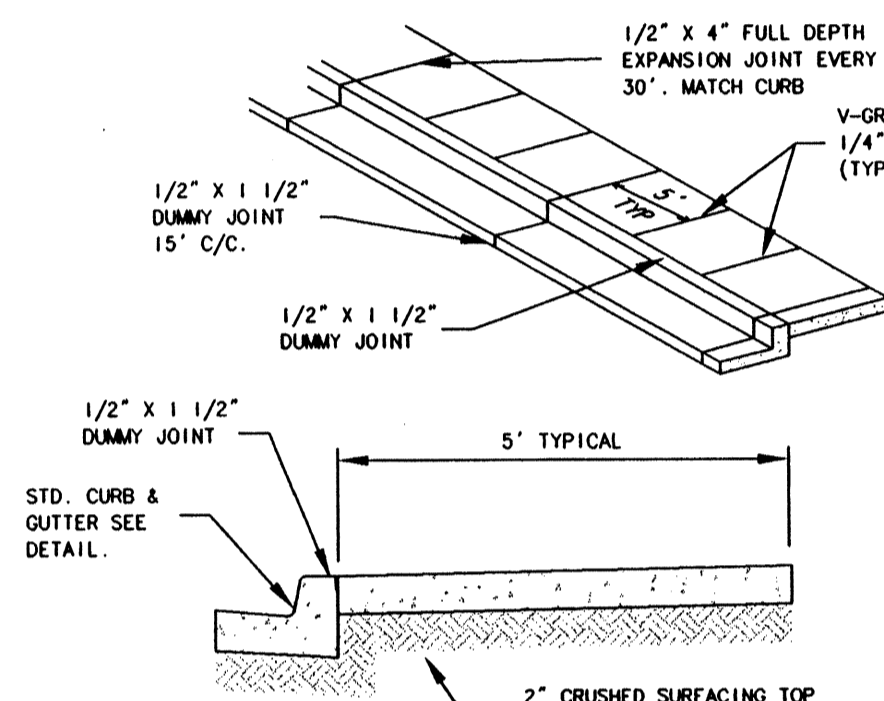
NOTES:

- 1 EQUALS WIDTH OF DRIVEWAY AT PROPERTY LINE
- 2 1/2" WIDE FULL DEPTH EXPANSION JOINT
- 3 FULL DEPTH EXPANSION JOINT IF ① IS 15' OR GREATER.
- 4 DRIVEWAY TO BE SURFACED WITH ASPHALT OR CONCRETE.
- 5 DRIVEWAY CEMENT CONCRETE SHALL BE A MIN. OF 6" THICK AND IS TO BE PLACED ON A MINIMUM OF 2" CRUSHED SURFACING TOP COURSE COMPACTED TO 95% MAXIMUM DENSITY.

CONTRACTOR WILL PROVIDE A FULL HEIGHT CURB SEPARATING ADJACENT DRIVEWAYS

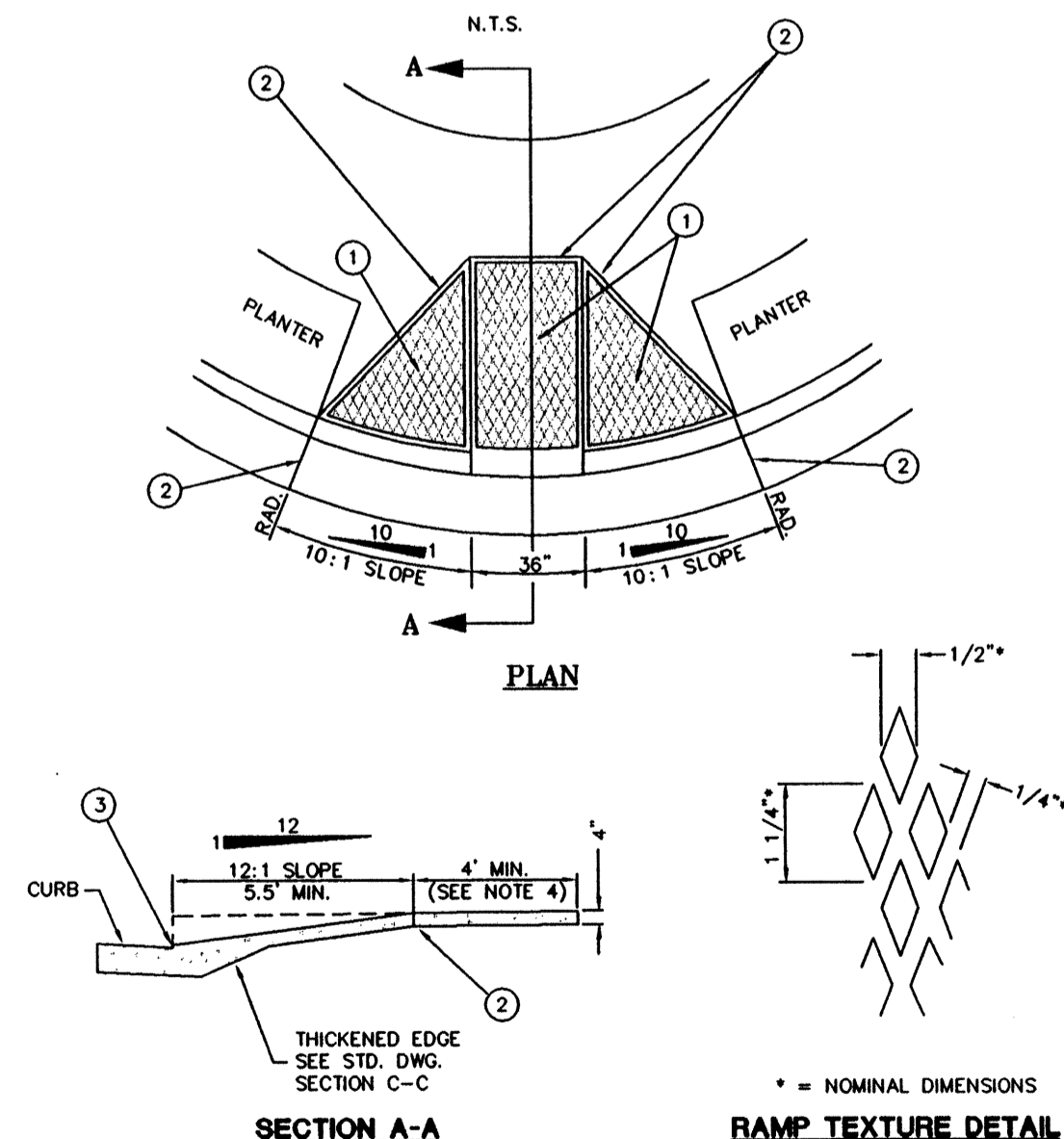
DRIVEWAY CUT DETAIL (R8)

N.T.S.



1. SIDEWALKS SHALL BE A MIN. OF 4" THICK, AND SHALL BE CLASS 3000 CEMENT CONCRETE, WITH AIR ENTRAINMENT (MIN. 4.5% TO 6.5%)
2. FULL EXPANSION JOINTS SHALL GENERALLY BE PLACED TO MATCH THOSE PLACED IN ADJACENT CURB & GUTTER, WITH MAX. SPACING OF 30'. FINAL SPACING DETERMINATION SHALL BE DECIDED BY THE INSPECTOR IN THE FIELD.
3. SUBGRADE SHALL BE COMP. TO NOT LESS THAN 95% OF MAX. DENSITY.
4. SIDEWALK SHALL BE AT LEAST 6" THICK IN DRIVEWAYS.
5. THE FINISHED SIDEWALK SHALL BE SPRAYED WITH A TRANSPARENT CURING
6. ALL JOINTS SHALL BE CLEANED AND EDGED WITH AN EDGER HAVING A 1/4" RADIUS.

CEMENT CONCRETE SIDEWALK (R 6)

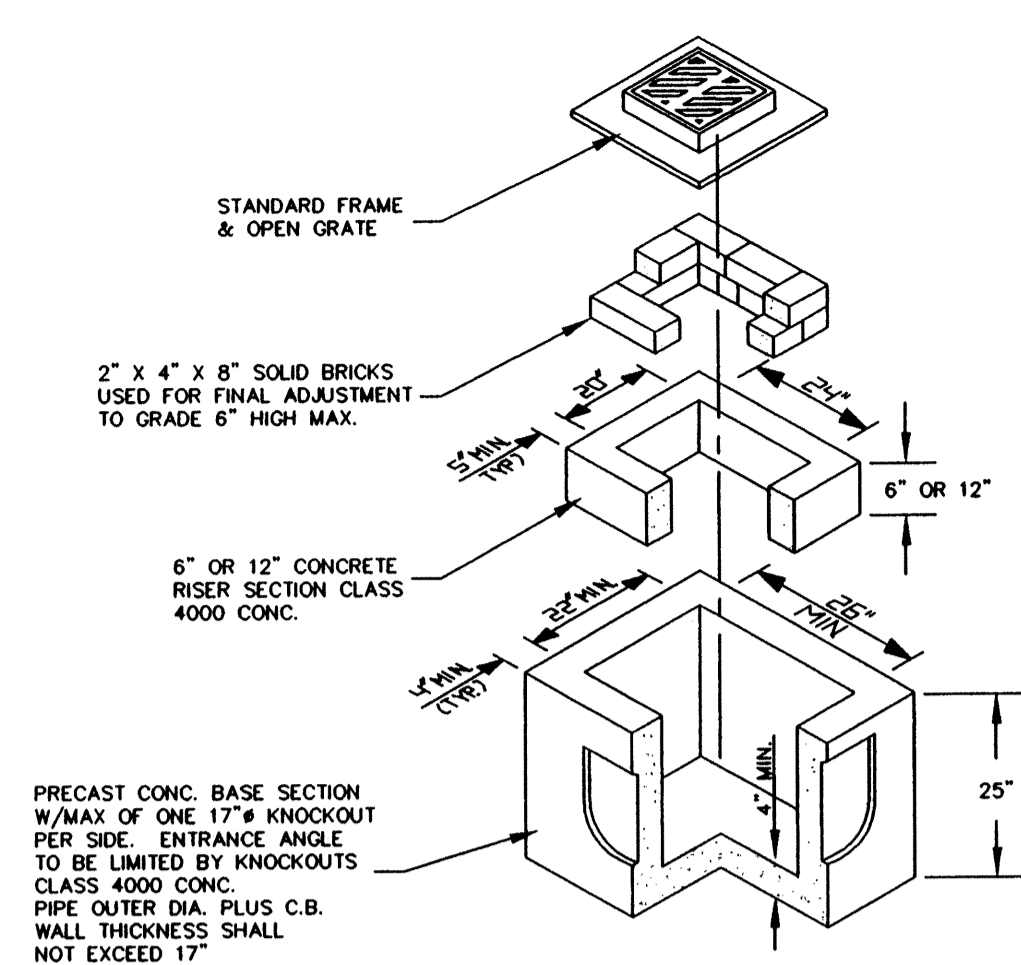


NOTES:

- 1 RAMP TEXTURE IS TO BE DONE WITH AN EXPANDED METAL GRATE PLACED AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN. THE LONG AXIS OF THE DIAMOND SHALL BE PERPENDICULAR TO CURB. GROVES SHALL BE 1/8" DEEP AND 1/4" WIDE.
- 2 3/8" EXPANSION JOINT.
- 3 1/2" MAXIMUM LIP AT GUTTER LINE.
- 4 IF LANDING AREA IS LESS THAN 4', DECREASE SIDE RAMP SLOPE TO 12:1 (HORIZONTAL : VERTICAL)
- 5 CURB RAMP WILL NOT BE POURED INTEGRAL WITH SIDEWALK AND SHALL BE ISOLATED BY EXPANSION JOINT MATERIAL ON ALL SIDES. BUT NOT AT END OF RAMP ADJACENT TO ROADWAY.

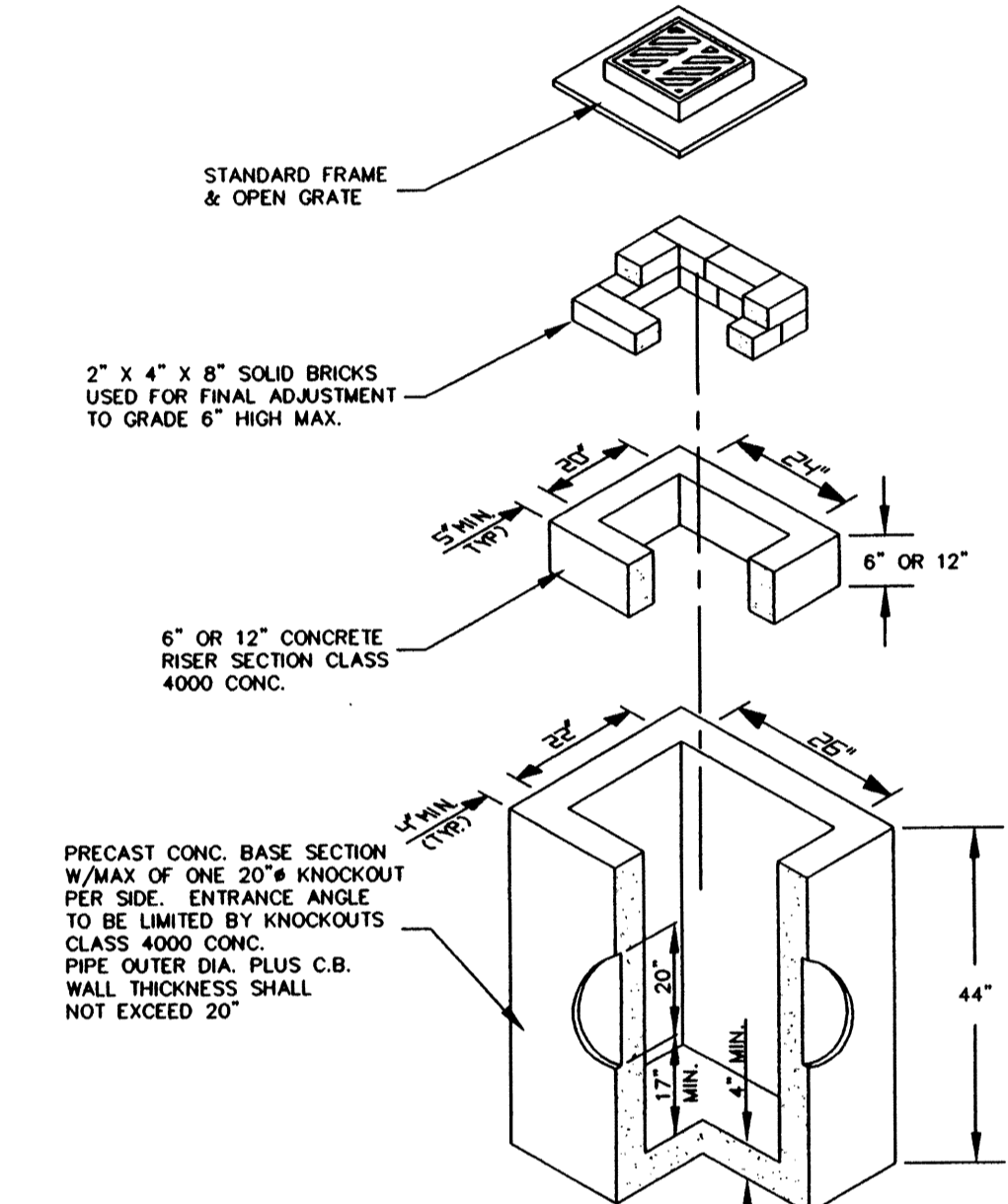
TYPE B CURB RAMP (R10)

N.T.S.



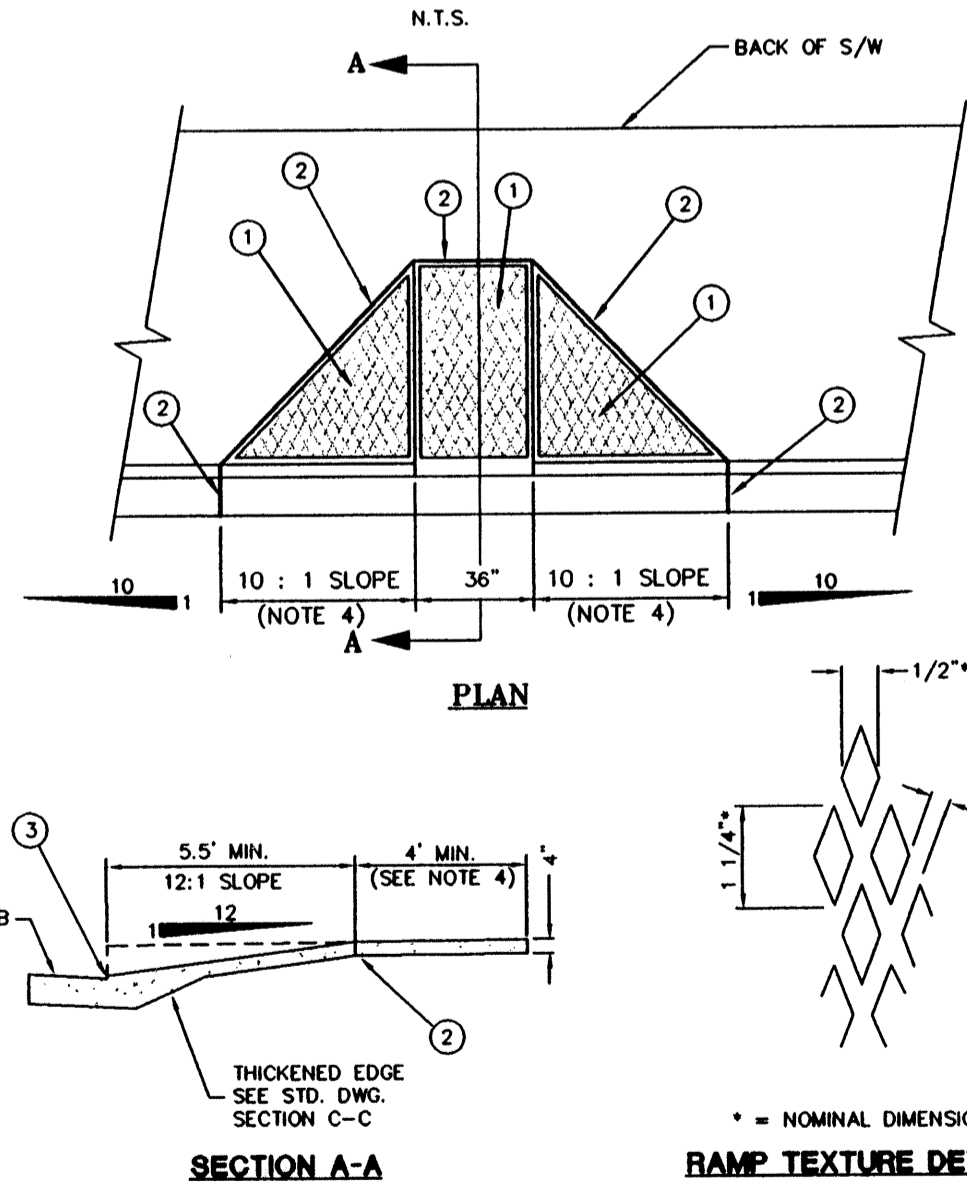
CONCRETE INLET (SD1)

N.T.S.



TYPE 1 C.B. (SD2)

N.T.S.

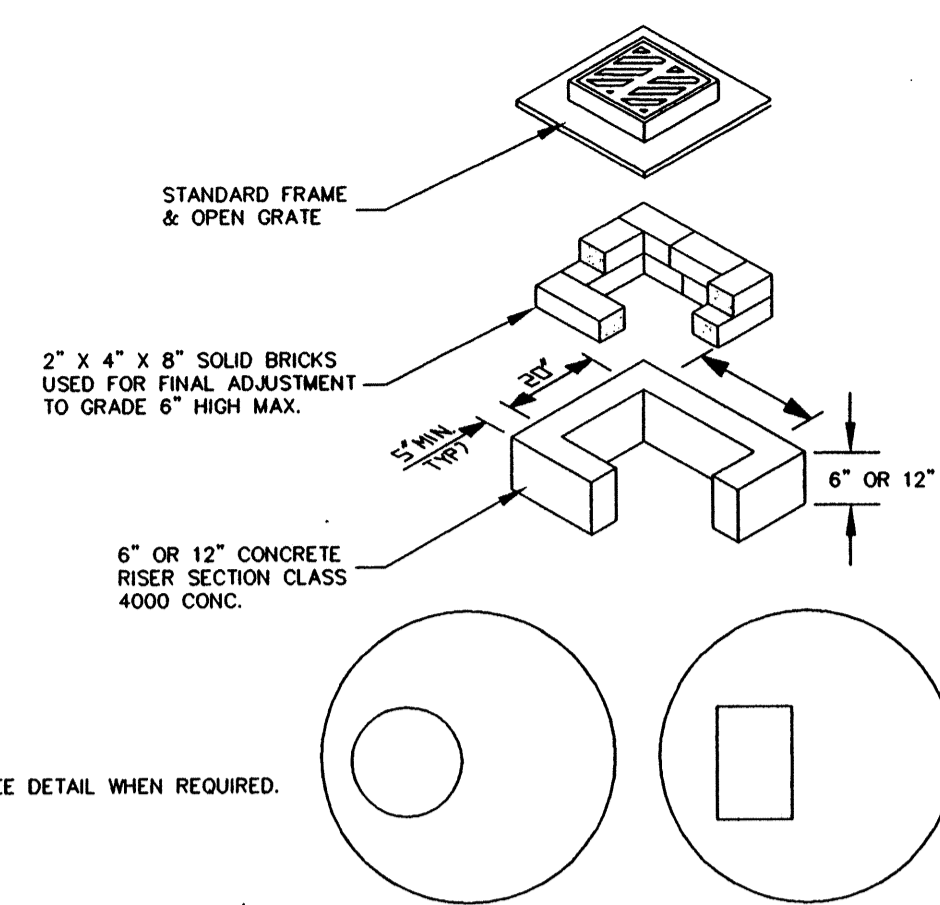


NOTES:

- 1 RAMP TEXTURE IS TO BE DONE WITH AN EXPANDED METAL GRATE PLACED AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN. THE LONG AXIS OF THE DIAMOND SHALL BE PERPENDICULAR TO CURB. GROVES SHALL BE 1/8" DEEP AND 1/4" WIDE.
- 2 3/8" EXPANSION JOINT.
- 3 1/2" MAXIMUM LIP AT GUTTER LINE.
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- 5 CURB RAMP WILL NOT BE POURED INTEGRAL WITH SIDEWALK AND SHALL BE ISOLATED BY EXPANSION JOINT MATERIAL ON ALL SIDES. BUT NOT AT END OF RAMP ADJACENT TO ROADWAY.

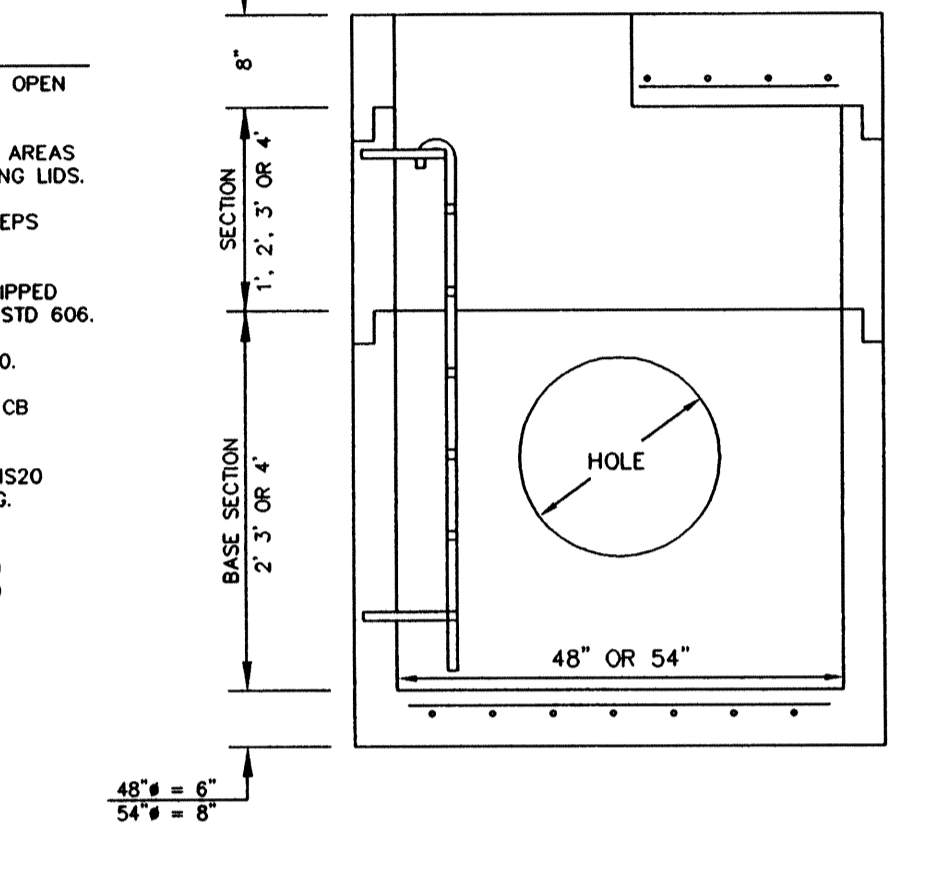
TYPE A CURB RAMP (R9)

N.T.S.



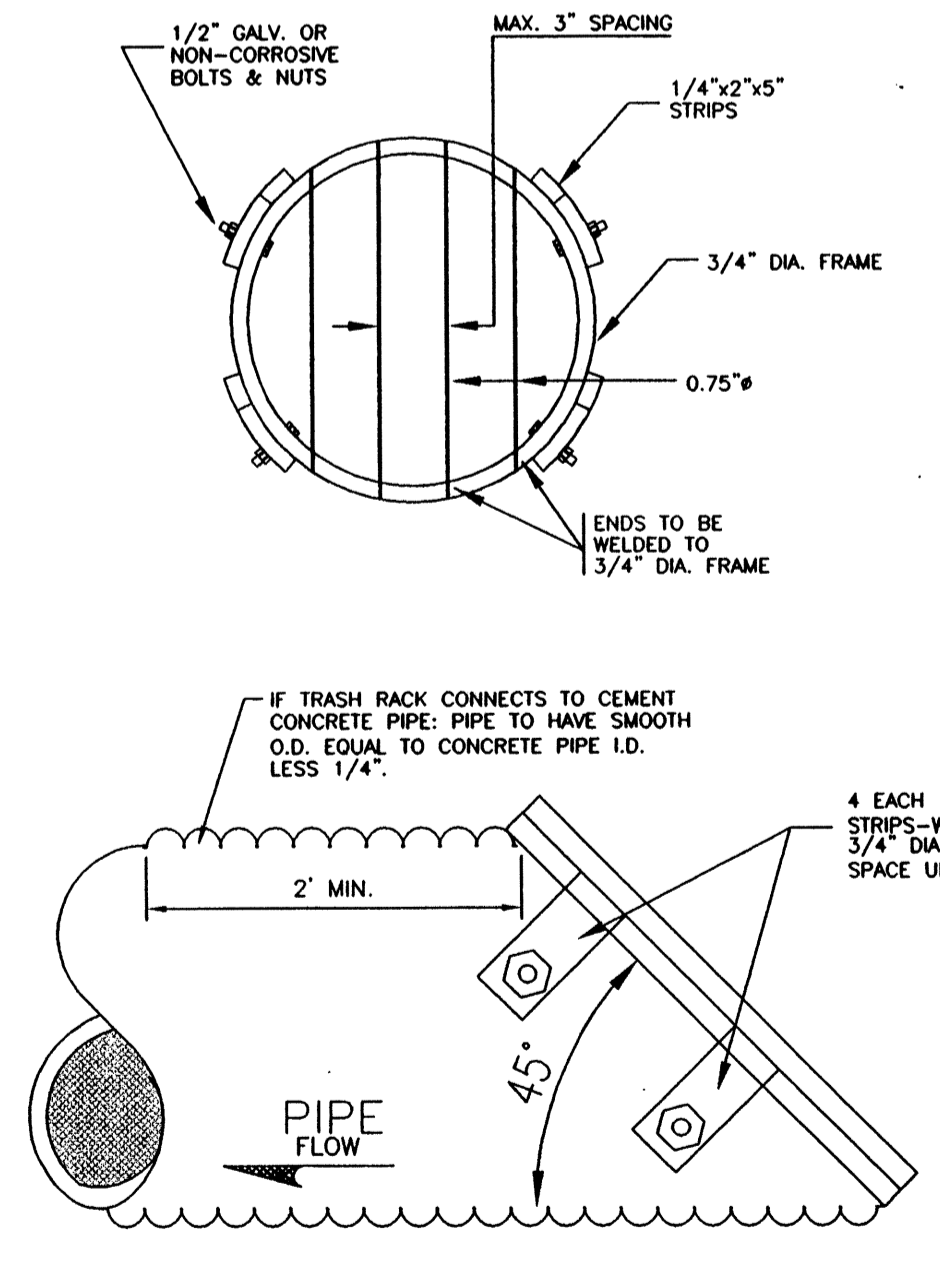
TYPICAL TYPE 2 C.B. (SD4)

N.T.S.



TYPICAL TRENCH SECTION (R25)

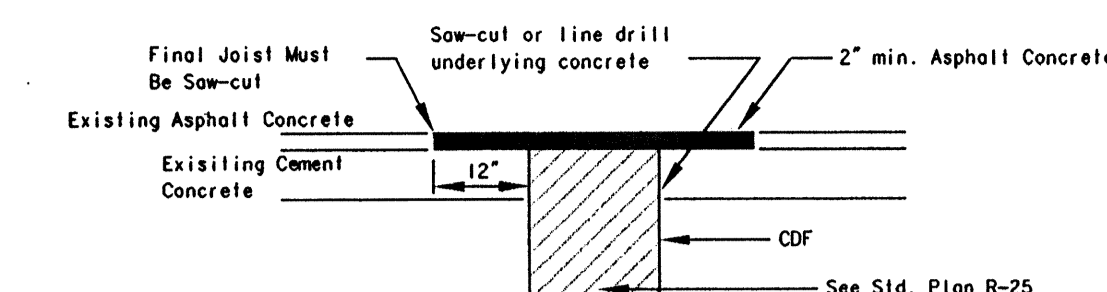
N.T.S.



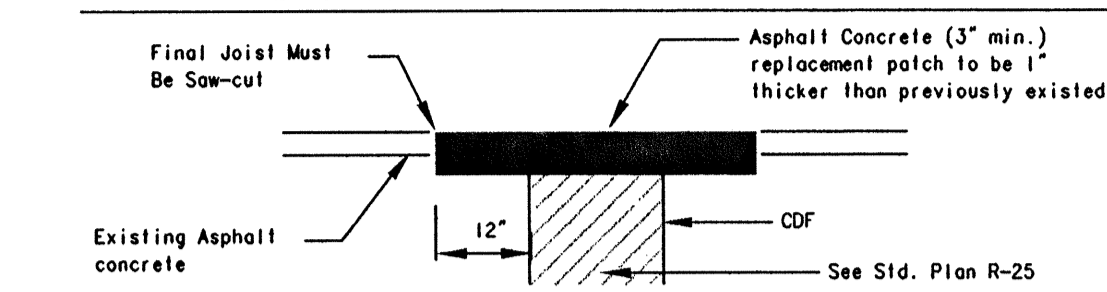
TYPICAL TRASH RACK DETAIL (SD 12)

N.T.S.

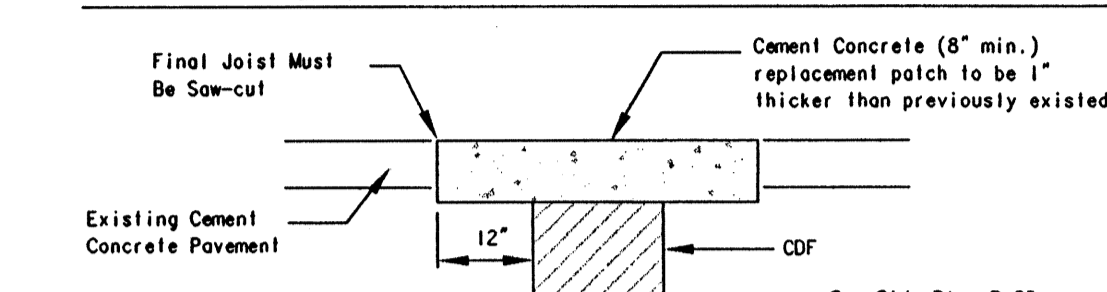
* ALL STEEL PARTS MUST BE GALVANIZED, AND ASPHALT COATED (TREATMENT 1 OR BETTER)



EXISTING ASPHALT CONCRETE OVER CEMENT CONCRETE



EXISTING ASPHALT CONCRETE OVER PREPARED GRADE

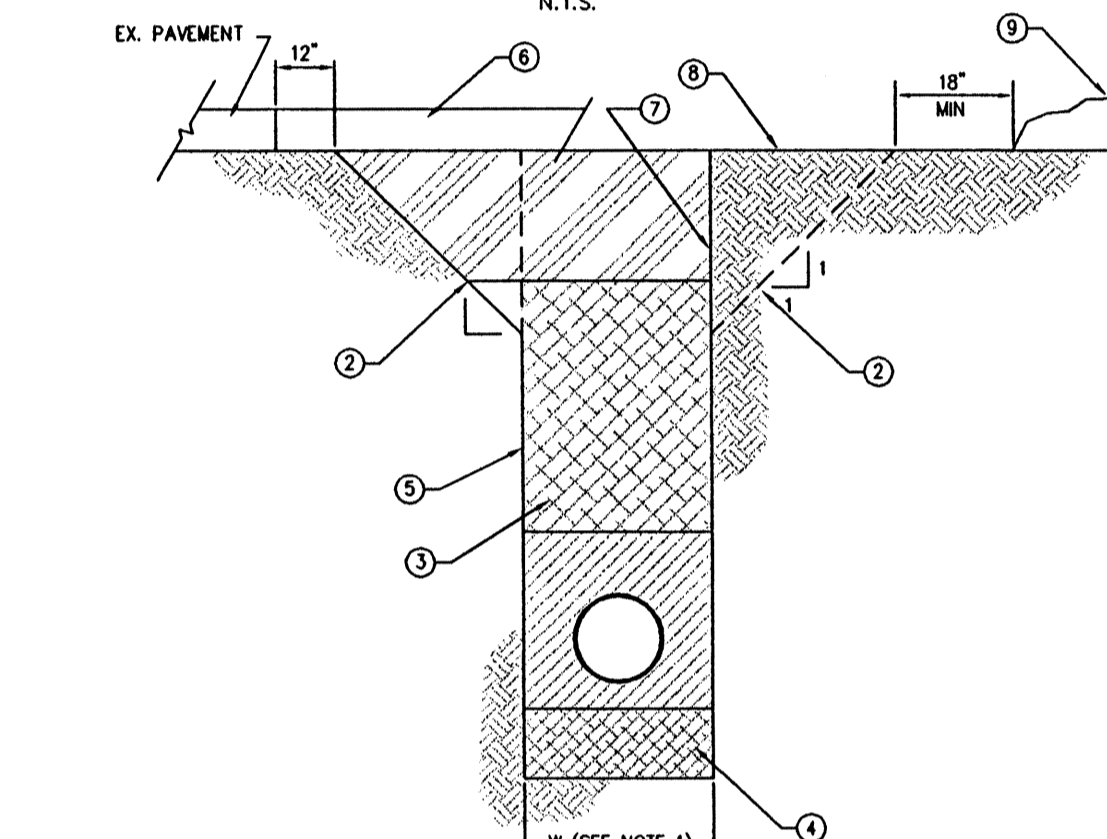


EXISTING CEMENT CONCRETE OVER PREPARED GRADE

- NOTES:**
1. ALL TRENCHES IN ROADWAY AREAS SHALL BE BACKFILLED AND PATCHED WITH TEMPORARY ASPHALT AT THE END OF EACH WORK DAY, UNLESS PERMISSION IS GRANTED TO DO OTHERWISE
 2. ALL TEMPORARY PATCHES SHALL BE PERMANENTLY PATCHED WITHIN 2 WEEKS OF COMPLETION OF WORK WITHIN THE ROADWAY AREA.

PAVEMENT PATCHING DETAILS (R23)

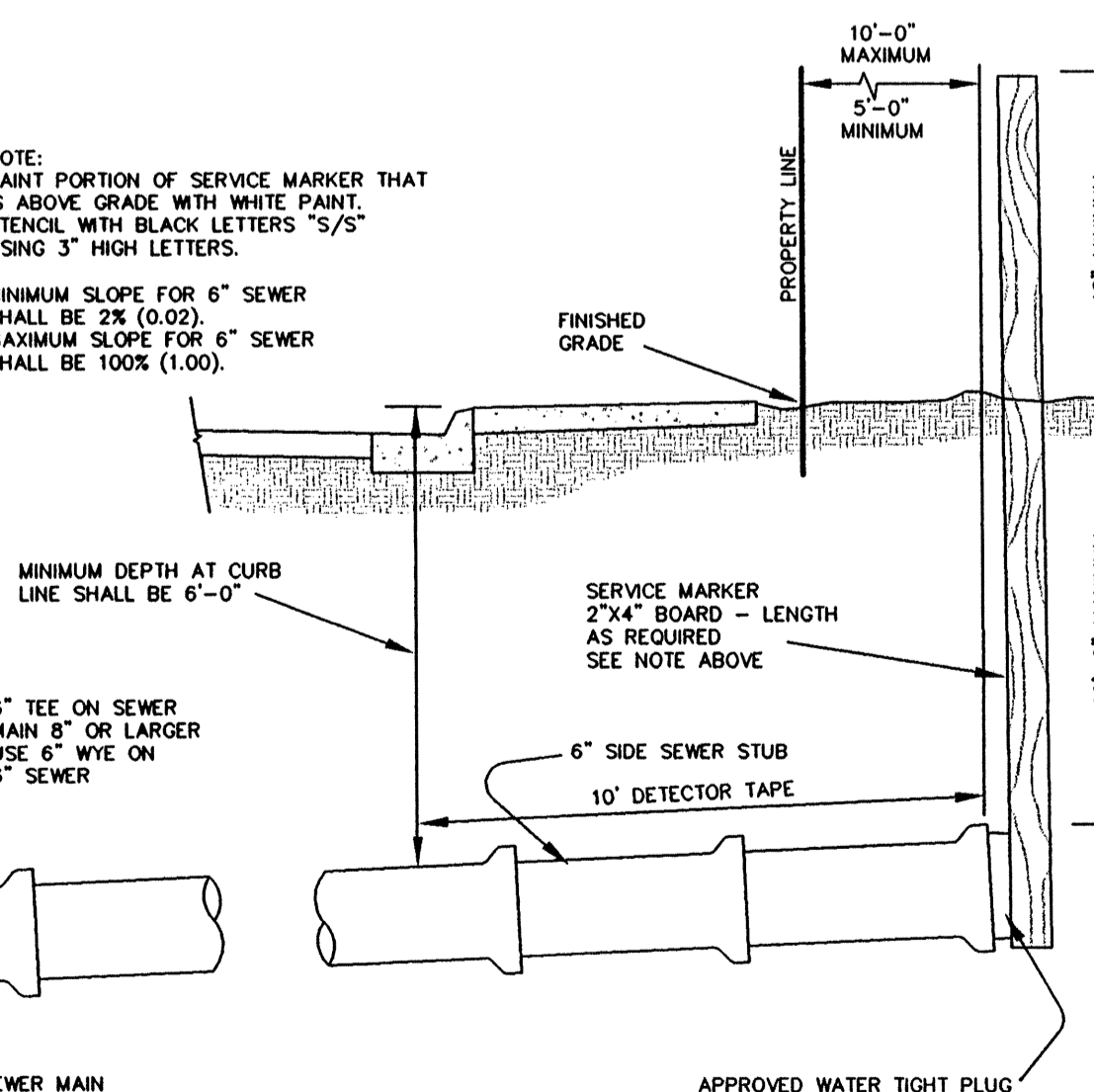
N.T.S.



- 1 W = MAXIMUM WIDTH OF TRENCH FOR PIPES 15 OR LESS IN DIA. W=40" FOR PIPES 15 OR GREATER W=1-1/2 X I.D. + 18"
- 2 ALTERNATE LAID BACK TRENCH TO MEET O.S.H.A. REQUIREMENTS (NO SLOPES STEEPER THAN 1:1 EXCEPT FOR ROOF).
- 3 NATIVE MATERIAL OR IMPORTED GRAVEL BORROW AS DIRECTED, OR C&G AS REQUIRED, COMPACT TO 90% MAXIMUM DENSITY. SEE NOTES A & B.
- 4 FOUNDATION GRAVEL IF REQUIRED BY THE ENGINEER TO REPLACE UNSUITABLE MATERIAL SHALL BE FOUNDATION MATERIAL, CLASS A.
- 5 FOR ADDITIONAL COMPACTION INFORMATION SEE STANDARD DRAWING R-28.
- 6 SEE CITY OF ARLINGTON STANDARD DWG R-23 FOR PAVEMENT PATCH DETAILS.
- 7 VERTICAL TRENCH WALLS WITH SHORING TO CONFORM TO O.S.H.A. REGULATIONS.
- 8 SUBGRADE OR GROUND SURFACE IN NONPAVED AREAS.
- 9 EXCAVATED NATIVE MATERIAL OR STOCKPILED BACKFILL MATERIAL.
- 10 FOR ALL TRENCHING, ROADWAY BACKFILL ABOVE THE PIPE ZONE SHALL BE CONFORM TO O.S.H.A. REGULATIONS. CONTROLLED DENSITY FILL. SEE SECTION 2 OF THESE STANDARDS.
- 11 FOR UTILITY CUTS SUCH AS GAS, TELEPHONE, POWER, AND CABLE TV LONGITUDINAL TO THE ROADWAY, BACKFILL SHALL BE CONTROLLED DENSITY FILL. SEE SECTION 2 OF THESE STANDARDS.

TYPICAL TRENCH SECTION (R25)

N.T.S.



TYPICAL SEWER SERVICE (S8)

N.T.S.

EXAMINED AND APPROVED FOR CONSTRUCTION ON THIS 23 DAY OF Jan 2007
 CITY OF ARLINGTON ENGINEER

CASCADE & ENGINEERING, INC.
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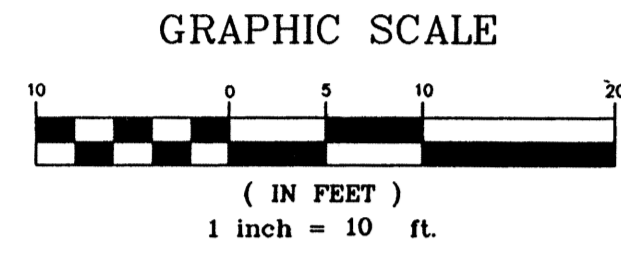
Professional Engineer
 License No. 35716
 State of Washington
 15 JAN 01
 EXPIRES: 07/01/02

DESIGNED	DATE	BY
DRAWN	DATE	DATE
CHECKED	DATE	DATE
FIELD BOOK	ARL. BS	DATE
REVISION	DATE	BY

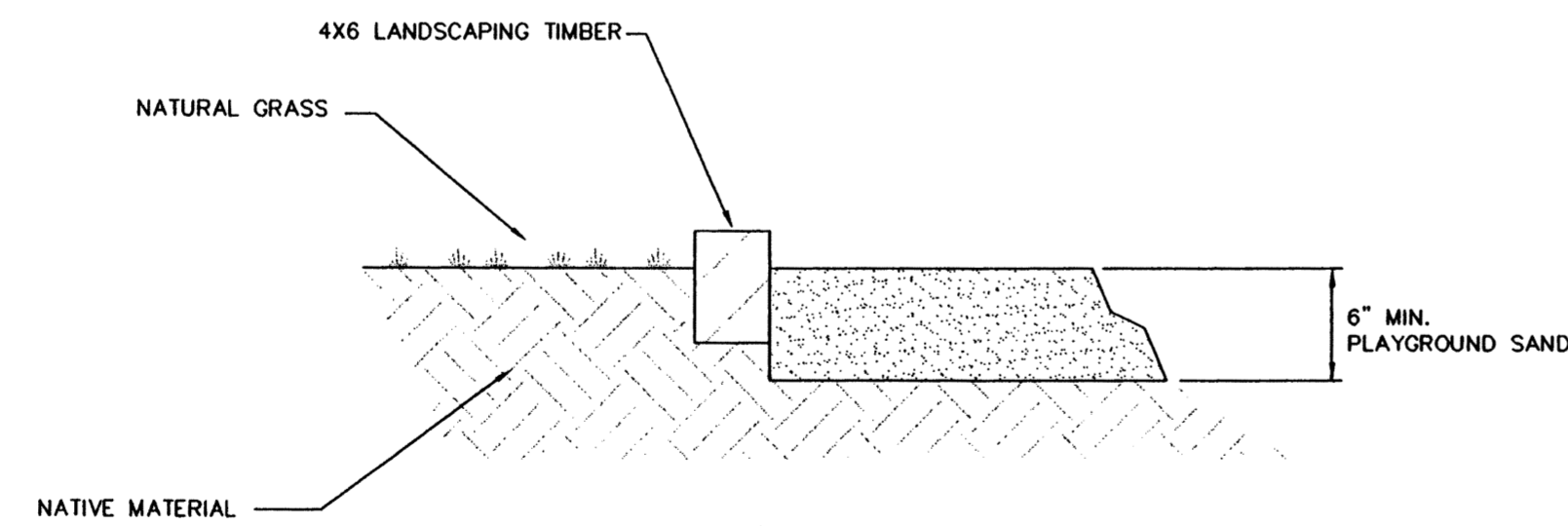
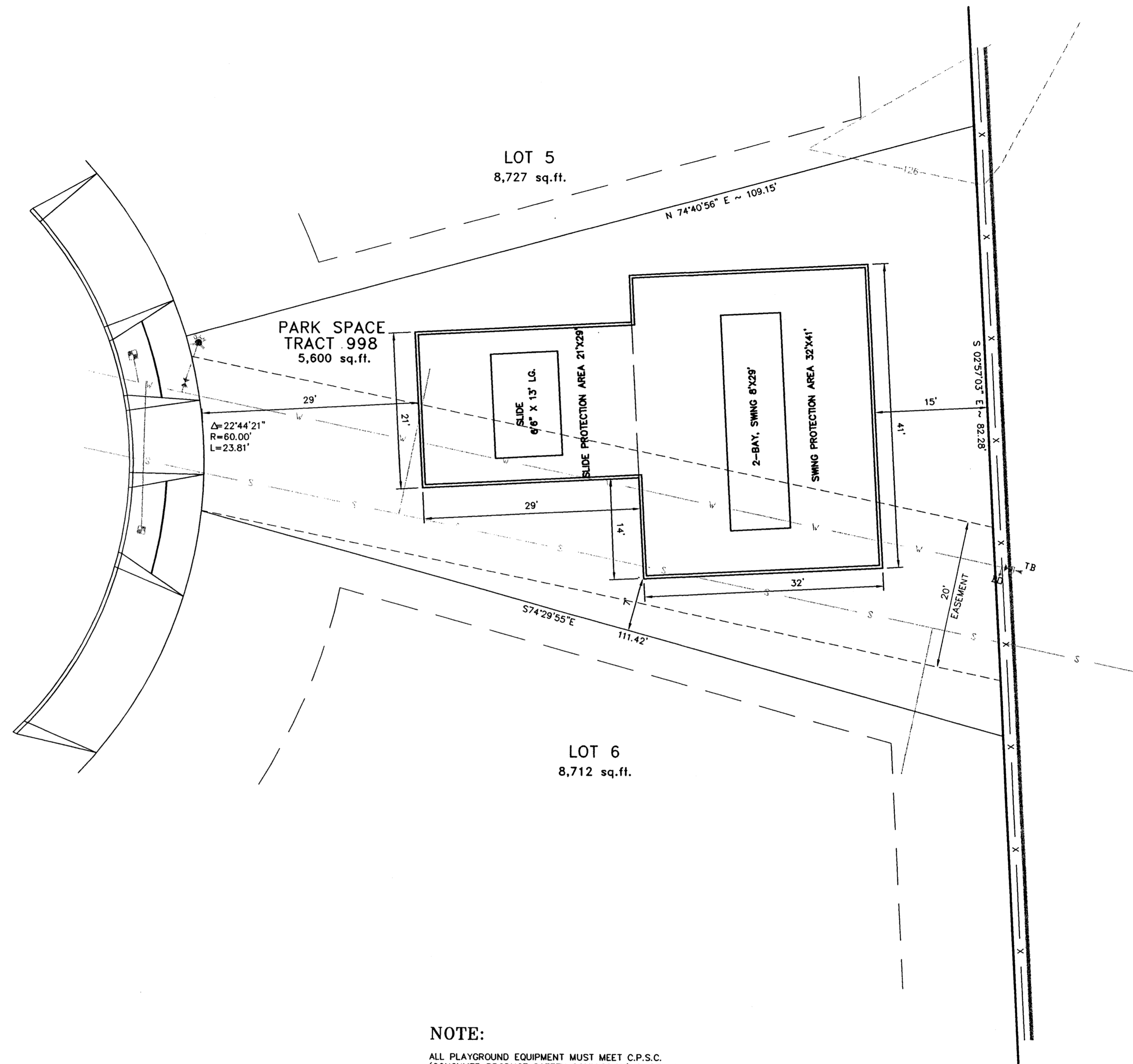
DESIGNED B.L.D. DATE 10/20/00
 DRAWN D.P. DATE 10/20/00
 CHECKED DATE
 FIELD BOOK ARL. BS

ASPEN WOOD MEADOWS
DETAILS
 PROJECT FILE NUMBER: MJ-00-017-LP

SECTION 21, TWP. 31 N., RGE. 5 E., W.M.



- LEGEND:**
- X — EX. FENCE LINE
 - ~ ZONING BOUNDARY LINE
 - ~ PROPERTY LINE
 - ~ PROPOSED LOT LINE
 - - - PROPOSED UTILITY EASEMENT
 - - - PROPOSED BUILDING SET BACK
 - - - PROPOSED WATER LINE
 - - - PROPOSED SEWER LINE
 - ~ PROPOSED HYDRANT
 - ~ PROPOSED RESILIENT SEAT GATE VALVE
 - ~ PROPOSED WATER METERS 1" SERVICE CONNECTIONS. (UNLESS OTHERWISE NOTED)



NOTE:

PLAY GROUND SAND SHALL MEET THE FOLLOWING OR A PRE-APPROVED EQUAL.

PARTICLE SIZE DISTRIBUTION:

SIEVE	PARTICLE SIZE	PERCENT PASSING
3/8 IN	9.50 mm	100
NO. 4	4.75 mm	95 TO 100
NO. 8	2.36 mm	80 TO 100
NO. 16	1.18 mm	45 TO 85
NO. 30	0.6 mm	15 TO 60
NO. 50	0.3 mm	3 TO 15
NO. 100	0.15 mm	0 TO 4

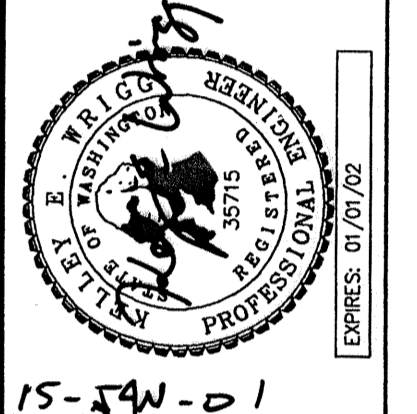
NOTE:

ALL PLAYGROUND EQUIPMENT MUST MEET C.P.S.C. (CONSUMER PRODUCT SAFETY COMMISSION) GUIDELINES.

- 6'6" HIGH X 13' FREE-STANDING OPEN SLIDE PER MIRACLE EQUIPMENT COMPANY, ITEM # 66-106, OR APPROVED EQUIVALENT.
- 10' HIGH, 2-BAY, 4 SWING, SWING SET PER MIRACLE EQUIPMENT COMPANY, ITEM # 2921 OR APPROVED EQUIVALENT.

EXAMINED AND APPROVED FOR CONSTRUCTION
ON THIS 23 DAY OF Jan 2009.
CITY OF ARLINGTON
BY: _____

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Engineers Surveyors
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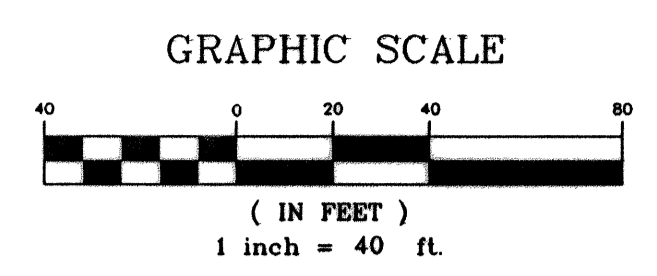
REVISION	DATE	BY

DESIGNED	E.D.	DATE	11/00
DRAWN	D.E.	DATE	11/00
CHECKED	R.D.	DATE	ARL 06
FIELD BOOK			

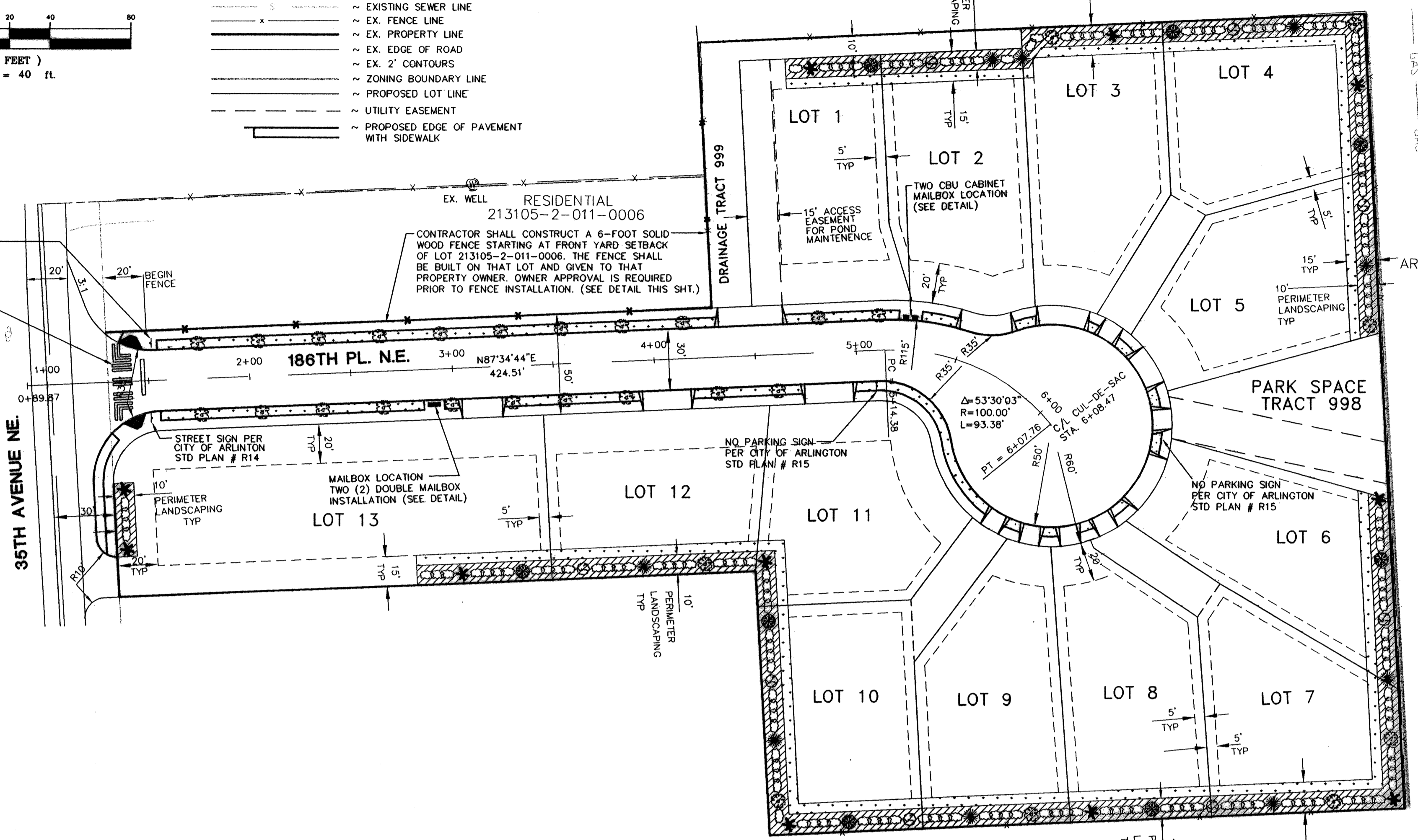
**ASPEN WOOD MEADOWS
CONSTRUCTION PLANS
PARK CONSTRUCTION PLAN**
PROJECT FILE NUMBER: MJ-00-017-LP

SECTION 21, TWP. 31 N., RGE. 5 E., W.M.

RESIDENTIAL
213105-2-007-0002



- LEGEND:**
- ~ EX. UTILITY POLE
 - ~ EX. HYDRANT
 - ~ EX. WATER LINE
 - ~ EXISTING SEWER LINE
 - ~ EX. FENCE LINE
 - ~ EX. PROPERTY LINE
 - ~ EX. EDGE OF ROAD
 - ~ EX. 2' CONTOURS
 - ~ ZONING BOUNDARY LINE
 - ~ PROPOSED LOT LINE
 - ~ UTILITY EASEMENT
 - ~ PROPOSED EDGE OF PAVEMENT WITH SIDEWALK

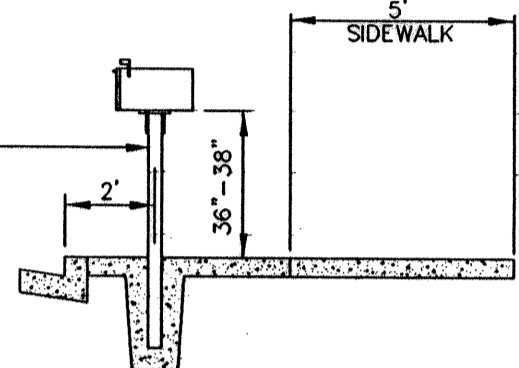


TRAFFIC CONTROL SIGING AND STRIPING:
ALL TRAFFIC CONTROL DEVICES, SIGING, STRIPING AND OTHER PAVEMENT DELINEATION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). IT SHALL BE THE DEVELOPER'S RESPONSIBILITY TO FURNISH ALL MATERIALS AND LABOR REQUIRED TO INSTALL ALL TRAFFIC CONTROL AS REQUIRED BY THE CITY TRAFFIC ENGINEER. ALL REQUIRED SIGING (TRAFFIC CONTROL AND STREET NAME SIGNS), STRIPING, AND OTHER DELINEATION AS REQUIRED, SHALL BE SHOWN ON THE STREET IMPROVEMENT PLANS PRIOR TO PLAN APPROVAL. DEVELOPER SHALL SUPPLY THE CITY WITH A DUPLICATE COPY OF ALL STREET NAME SIGNS.

STREET LIGHTING:
ALL STREET LIGHTING SHALL BE DONE PER (PUD) PUBLIC UTILITY DISTRICT NO. 1.

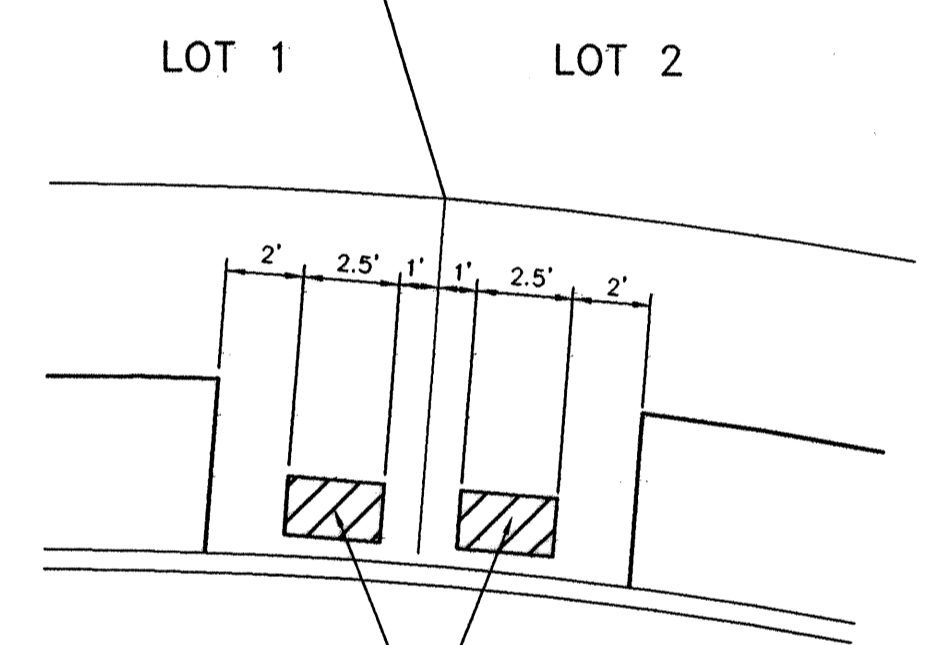
MAILBOXES AND LOCATIONS:
ALL MAILBOX LOCATIONS (SINGLE OR NDCBU MAILBOX CLUSTER) SHALL BE APPROVED BY CITY OF ARLINGTON POSTAL SERVICE.

- NOTES:**
1. FOR ALTERNATE SINGLE OR DOUBLE MAILBOX INSTALLATIONS, SEE WSDOT/APWA PLAN H-12, TYPE 1-D OR 1-B.
 2. VARIES 36" - 44". SEE NOTE 1, STD. DWG. 6-152.
 3. WOODEN POST SHALL BE TREATED.
 4. FOR SINGLE OR DOUBLE MAILBOX INSTALLATIONS ONLY. FOR THREE OR MORE BOXES, REFER TO STANDARD DRAWINGS 6-154, 6-154A, AND 6-156.
 5. LOT OWNERS TO CONTACT THE POSTAL SERVICE FOR LOCATION APPROVAL PRIOR TO PLACEMENT.

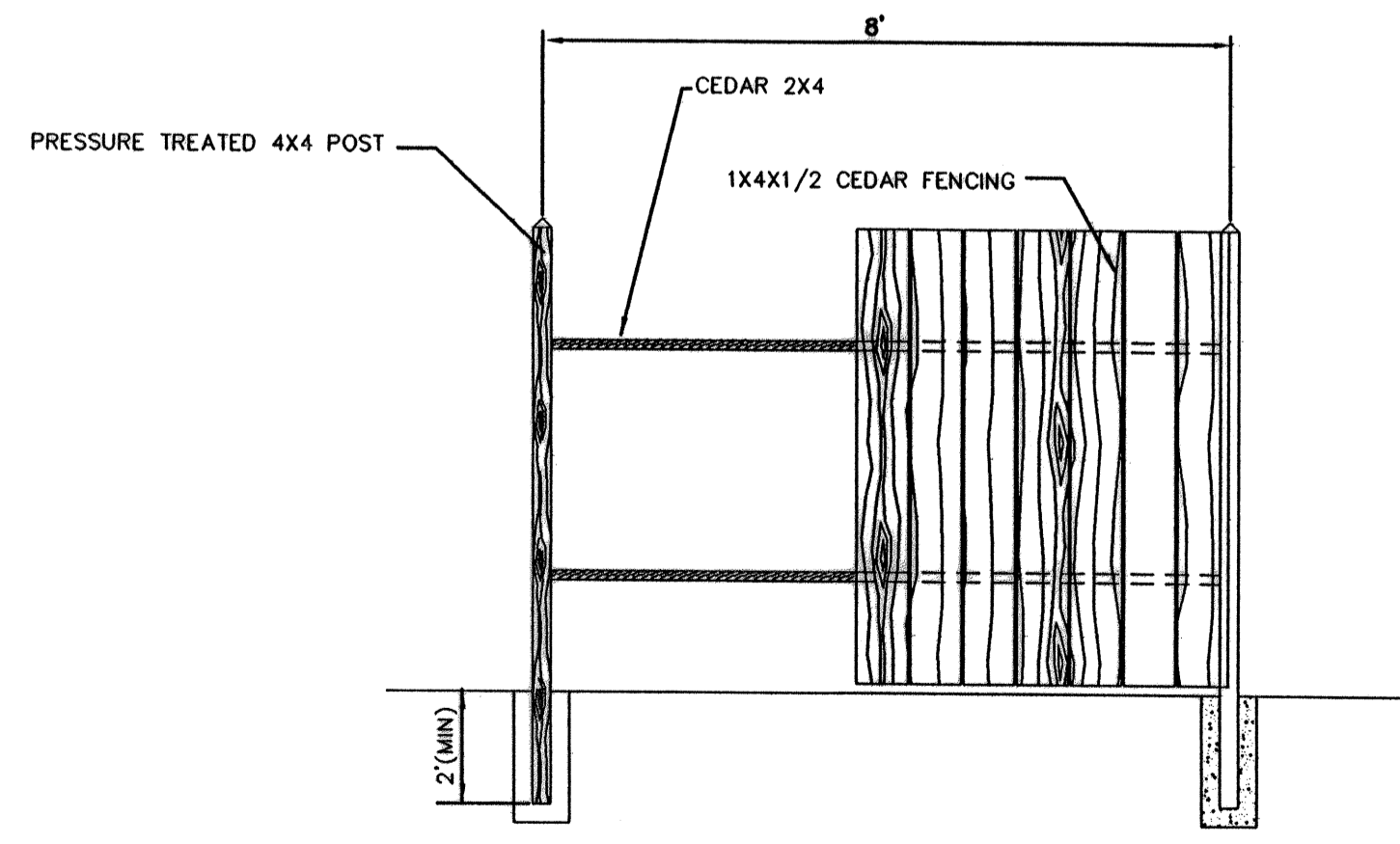


SINGLE/DOUBLE MAILBOX MOUNTING DETAIL
N.T.S.

APPROVED
ARLINGTON POSTAL SERVICE OFFICIAL DATE



COLLECTION BOX UNITS (CBU) MOUNTING DETAIL
N.T.S.



SOLID WOOD FENCE DETAIL
N.T.S.

STOP SIGN PER CITY OF ARLINGTON STD PLAN # R15
CROSSWALK AND STOP BAR LAYOUT PER CITY OF ARLINGTON STD PLAN # R16

CONTRACTOR SHALL CONSTRUCT A 6-FOOT SOLID WOOD FENCE STARTING AT FRONT YARD SETBACK OF LOT 213105-2-011-0006. THE FENCE SHALL BE BUILT ON THAT LOT AND GIVEN TO THAT PROPERTY OWNER. OWNER APPROVAL IS REQUIRED PRIOR TO FENCE INSTALLATION. (SEE DETAIL THIS SHT.)

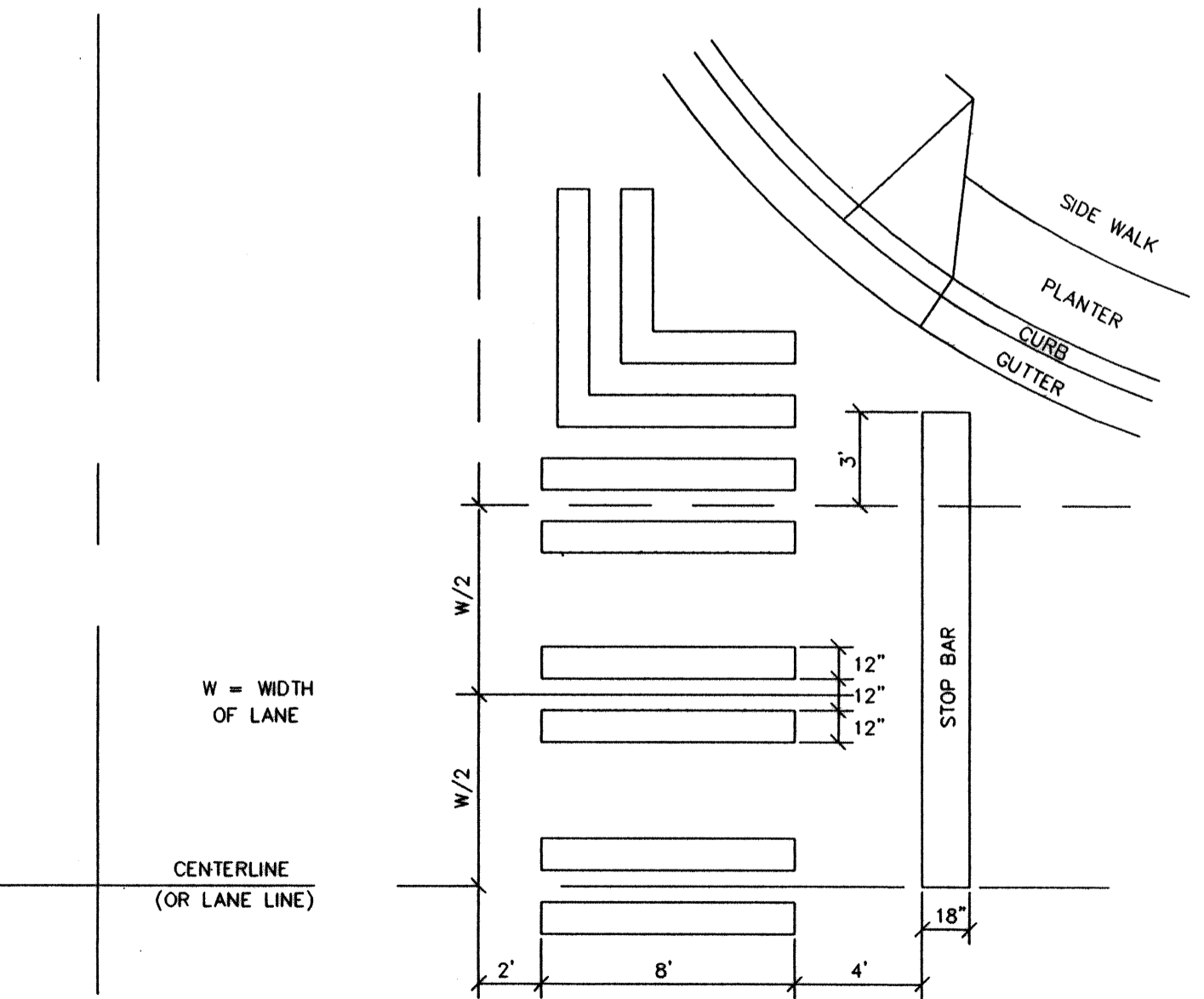
NO PARKING SIGN PER CITY OF ARLINGTON STD PLAN # R15

NO PARKING SIGN PER CITY OF ARLINGTON STD PLAN # R15

SYMBOL	QTY.	BOTANICAL / COMMON NAME	SIZE	CONDITIONS
☸	24	Acer rubrum 'bowhall' / Red Maple	1-1/2" CAL.	B&B 30' O.C.
✱	11	Liquidambar styraciflua 'Worpelston' / Sweetgum	1-1/2" CAL.	B&B 30' O.C.
☸	9	Thuja occ. 'Smaragd' / Emerald Green Arborvitae	4/5' HT.	B&B 5' O.C.
☸	8	Pseudotsuga menziesii / Douglas Fir	5/6' HT.	B&B as shown
☸	8	Thuja plicata / Western Cedar	5/6' HT.	B&B as shown
☸	160	Prunus Lusitanica / Portugal Laurel	1 gal.	Container Grown
☸	325	Rosa rugosa / Sea Tomato	1 gal.	Container Grown 48" o.c.
☸		Lawn		

LANDSCAPING GENERAL NOTES:
THE GENERAL CONTRACTOR IS TO PROVIDE SUBGRADES 4" BELOW HARD SURFACES PLUS/MINUS .1 FOOT.
ALL ROUGH GRADING SHALL BE POSITIVE, DRAINING AWAY FROM ALL SURFACES.
ALL STONES LARGER THAN 1.5" DIAMETER SHALL BE REMOVED FROM THE GROWING MEDIUM.
TOPSOIL SHALL BE PLACED AT A MINIMUM OF 4" IN ALL LAWN AND BED AREAS.
TOPSOIL SHALL BE TILLED INTO THE EXISTING SUBGRADE TO ELIMINATE SOIL INTERFACE PROBLEMS.
TOPSOIL SHALL BE RED-E'S 60/40 MIX OR APPROVED EQUAL.
ALL BED AREAS TO RECEIVE 2" OF FINE GROUND FIR OR HEMLOCK BARK. COMPOSITION MULCHED ARE NOT AN ACCEPTABLE ALTERNATIVE.
TREES AND SHRUBS ARE TO BE PLANTED AT A DEPTH 3/4" HIGHER THAN THE LEVEL THAT THEY WERE GROWN IN THE NURSERY.
BARK MULCH IS NOT TO BE PLACED ABOVE THE ROOT CROWN.
ALL PLANTS SHALL AT LEAST CONFORM TO THE MINIMUM STANDARD ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
LAWN AREAS ARE TO BE HYDROSEED WITH VAN DEN AKKER'S EMERALD VELVET MIX PER MANUFACTURER'S SPECIFICATIONS, OR APPROVED EQUAL.
THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE LANDSCAPE DURING INSTALLATION, UNTIL FINAL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.
THE LANDSCAPE CONTRACTOR SHALL WARRANTY ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR, FROM TIME OF FINAL ACCEPTANCE.
DURING THE WARRANTY PERIOD, THE LANDSCAPE CONTRACTOR WILL NOT BE RESPONSIBLE FOR PLANT DEATH CAUSED BY UNUSUAL CLIMATIC CONDITIONS, VANDALISM, THEFT, FIRE, OR POOR MAINTENANCE PRACTICES.

CROSSWALK & STOP BAR LAYOUT (R16)
N.T.S.



NOTES:
CROSSWALK BARS SHALL BE SET BACK 2' FROM RUN PARALLEL TO FACE OF CURB
STOP BARS SHALL BE PLACED 8' BACK OF AND RUN PARALLEL TO FACE OF INTERSECTING STREET, OR 4' IN ADVANCE OF AND PARALLEL TO NEAREST CROSSWALK.
FOR CROSSWALK BAR SPACING PURPOSES, A TYPICAL 40' WIDE RESIDENTIAL STREET IS ASSUMED TO HAVE FOUR 10' LANES.

CASCADE SURVEYING & ENGINEERING, INC.
Planners
Engineers
Surveyors
P.O. BOX 308
ARLINGTON, WASHINGTON 98023
(360) 435-5551
FAC: (360) 435-4692
1-800-255-5551

Professional Seal: WASHINGTON STATE PROFESSIONAL SURVEYORS
No. 12345
Exp. 07/31/02

DESIGNED B.D.	DATE	DRAWN D.E.	DATE	CHECKED R.D.	DATE	FIELD BOOK	PER CITY COMMENTS	REVISION	DATE	T.A.A.	BY
	12/7/00		12/7/00		12/7/00	ARL 86					

DESIGNED B.D. DATE 12/7/00
DRAWN D.E. DATE 12/7/00
CHECKED R.D. DATE 12/7/00
FIELD BOOK ARL 86

**ASPEN WOOD MEADOWS
SIGNING AND
LANDSCAPING PLAN**
PROJECT FILE NUMBER: MJ-00-017-LP

EXAMINED AND APPROVED FOR CONSTRUCTION
ON THIS 23 DAY OF Jan 2001
BY: [Signature]
CITY OF ARLINGTON