

NE1/4, SW 1/4, SECTION 21, TOWNSHIP 31 N, RANGE 5 E, W.M.

GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT SNOHOMISH COUNTY ENGINEERING DESIGN AND DEVELOPMENT STANDARDS (E.D.D.S.), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND THE WSDOT HYDRAULICS MANUAL (LATEST EDITIONS)
- ALL WORK WITHIN THE PLAT AND COUNTY RIGHT-OF-WAY SHALL BE SUBJECT TO THE INSPECTION OF THE COUNTY INSPECTOR OR HIS DESIGNATED REPRESENTATIVE.
- PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CHIEF INSPECTOR FOR LAND DEVELOPMENT DIVISION AT (425) 388-3385 TO SCHEDULE A PRECONSTRUCTION CONFERENCE. FIELD CHANGES (REVISIONS), PLANS SHALL BE REVISED, SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION. ENGINEERED AS-BUILTS SHALL BE REQUIRED PRIOR TO FINAL SITE APPROVAL.
- SEDIMENT LADEN WATERS SHALL NOT ENTER THE NATURAL DRAINAGE SYSTEM. CONTRACTOR SHALL COMPLY WITH CHAPTER 7.53 SCC REGARDING DISCHARGE OF TURBID STORMWATER FROM THE SITE.
- TRENCH BACK FILL OF NEW UTILITIES AND STORM DRAINAGE FACILITIES SHALL BE COMPACT TO 95% MAXIMUM DENSITY (MODIFIED PROCTOR) UNDER ROADWAYS AND 90% MAXIMUM DENSITY (MODIFIED PROCTOR) OFF ROADWAYS, AS SPECIFIED IN SECTION 2-03.31(14) COMPACTING EARTH EMBANKMENTS METHOD B.
- THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION AND PROTECTING ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. LOCATION OF UTILITIES SHOWN ON CONSTRUCTION PLANS ARE BASED ON BEST RECORDS AVAILABLE AND ARE SUBJECT TO VARIATION. FOR AID IN UTILITY LOCATION, CALL 1-800-424-5555.
- THE CONTRACTOR SHALL NOTIFY COMMUNITY DESIGN, THE OWNER AND THE COUNTY INSPECTOR WHEN CONFLICTS BETWEEN THE PLANS AND FIELD CONDITIONS EXIST PRIOR TO CONSTRUCTION AND SAID CONFLICTS SHALL BE RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION.
- BOUNDARY AND TOPOGRAPHIC INFORMATION HAS BEEN FURNISHED BY THE OWNER OR HIS DESIGNATED PROJECT SURVEYOR.
- THE CONTRACTOR SHALL KEEP TWO SETS OF PLANS ON SITE AT ALL TIMES FOR RECORDING AS-BUILT INFORMATION. ONE SET SHALL BE SUBMITTED TO COMMUNITY DESIGN, INC. AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK. AS-BUILTS SHALL BE CERTIFIED BY THE ENGINEER AND SURVEYOR.
- A GRADING PERMIT ISSUED PURSUANT TO TITLE 17 SCC AND CHAPTER 33 UBC AND APPROVAL OF THE TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN SHALL HAVE BEEN OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS FOR ANY ON SITE GRADING WHICH IS NOT EXPRESSLY EXEMPT BY SECTION 17.04.280 SCC.
- THE CONTRACTOR SHALL KEEP A SET OF THE LATEST EDITION OF THE SNOHOMISH COUNTY E.D.D.S. ON SITE AT ALL TIMES.

STORM DRAINAGE NOTES

- UNLESS OTHERWISE NOTED, ALL STORM SEWER PIPE SHALL BE HDPE (SEE STORM DRAINAGE NOTE, 11), CONCRETE (CPI) NON-REINFORCED, ASTM C-14 (24" DIAMETER) AND LARGER TO BE REINFORCED, ASTM C-76). ALL PIPES SHALL HAVE RUBBER GASKETS. ALL STEEL PIPES, CULVERTS, TANKS AND OTHER STEEL PARTS OF ANY STORM DRAINAGE SYSTEM SHALL BE GALVANIZED OR HAVE A TREATMENT 1 ASPHALT COATING OR BETTER AS SPECIFIED IN THE WSDOT STANDARD SPECIFICATIONS. NOTE: ALUMINUM AND CONCRETE PIPES AND STRUCTURES DO NOT REQUIRE A TREATMENT 1 COATING. STORM PIPE LABELED "SD" MAY CONSIST OF OTHER MATERIAL AT THE DISCRETION OF THE COUNTY INSPECTOR OR HIS DESIGNATED REPRESENTATIVE.

COVERAGE REQUIREMENTS FOR 12" PIPE

< 1.0' - REQUIRES RCP (REINFORCED CONCRETE PIPE) MINIMUM

1.0' - 1.5' - REQUIRES CP (CONCRETE PIPE) MINIMUM OR HDPE
- ALL PIPE SHALL BE PLACED ON STABLE EARTH, OR IF IN THE OPINION OF THE COUNTY INSPECTOR, THE EXISTING FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH A GRAVEL MATERIAL TO SUPPORT THE PIPE.
- 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 ONE 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 WSDOT STANDARD SPECIFICATION 7-04.3(3) AND STANDARD SPECIFICATION 2-03.31(14), METHOD B & C.
- ALL GRATES (INLET AND CATCH BASIN) SHALL BE DEPRESSED 0.1 FEET BELOW PAVEMENT LEVEL.
- ALL CATCH BASINS TO BE TYPE I UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET, AND CATCH BASIN FRAMES AND GRATES JUST PRIOR TO POURING OF CURBS AND PAVING.
- ALL CATCH BASINS WITH A DEPTH OVER 5.0 FEET TO THE FLOW LINE SHALL BE A TYPE II CB (MANHOLE).
- ALL TYPE II CATCH BASIN MANHOLES AND ALL INLET AND CATCH BASINS SHALL HAVE LOCKING LIDS. ROLLED GRATES ARE NOT APPROVED FOR OUTSIDE OF COUNTY RIGHT-OF-WAY OR FOR USE WITH TYPE II MANHOLE.
- STANDARD LADDER STEPS SHALL BE PROVIDED IN ALL CATCH BASINS/MANHOLES EXCEEDING 5 FEET IN DEPTH.
- CATCH BASIN FRAME AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL 5435, 5435A, OR 50503A, LOCKING TYPE OR EQUAL. MODEL 5435A IS REFERRED TO AS A "THROUGH CURB INLET" ON THE PLAN. MODEL 50503A IS REFERRED TO AS A "ROLLED GRATE INLET" IN THE PLAN.

- CORRUGATED POLYETHYLENE PIPE: THE MATERIAL SUPPLIED UNDER THIS SPECIFICATION SHALL BE HIGH DENSITY CORRUGATED POLYETHYLENE SMOOTH INTERIOR PIPE AND SHALL BE MANUFACTURED IN CONFORMITY WITH THE LATEST AASHTO SPECIFICATIONS OR M 294 TYPE S AND THE MATERIAL COMPOUND SHALL CONFORM TO ASTM D 3350. PIPE JOINTS AND FITTINGS SHALL CONFORM TO AASHTO M 294. COUPLERS SHALL COVER NOT LESS THAN ONE FULL CORRUGATION ON EACH ANNULAR SECTION OF PIPE.
- ALL NON-PERFORATED METAL PIPE SHALL HAVE NEOPRENE GASKETS AT THE JOINTS. O-RING GASKETS MAY BE USED FOR TYPE F COUPLING BAND.
- THE CULVERT ENDS SHALL BE LEVELLED TO MATCH THE SIDE SLOPE. FIELD CUT OF CULVERT ENDS IS PERMITTED, WHEN APPROVED BY THE INSPECTOR.
- ALL FIELD CUT CULVERT PIPE SHALL BE TREATED WITH TREATMENT AS SHOWN IN THE STANDARD SPECIFICATIONS OR GENERAL SPECIAL PROVISIONS.
- BACKFILL AROUND PIPE SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 10-03C EDDS AND ACHIEVE A MINIMUM COMPACTION OF 95% OF MAXIMUM DENSITY PER ASTM D-1557.
- CORRUGATED ALUMINUM PIPE AND COUPLING BANDS SHALL MEET THE REQUIREMENTS OF AASHTO M196 AND M197.
- STORM WATER RETENTION/DETENTION FACILITIES STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED PRIOR TO SNOHOMISH COUNTY ACCEPTANCE.
- PRIOR TO ANY SITE WORK PERTAINING TO DRAINAGE, THE CONTRACTOR SHALL CONTACT SNOHOMISH COUNTY PLANNING AND DEVELOPMENT SERVICES AT (425) 388-3338 TO SCHEDULE AN INSPECTION ON THE EXISTING DRAINAGE SYSTEM.

SITE GRADING AND T.E.S.C.P. NOTES

- NONCOMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS (CHAPTER 17 SCC), WATER QUALITY REQUIREMENTS (SECTION 7.53 SCC), AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL AND BOND FORECLOSURES.
- PRIOR TO ANY SITE CONSTRUCTION TO INCLUDE CLEARING/LOGGING OR GRADING THE SITE/LOT CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND TELEPHONE NUMBER ARE CURTIS & ASSOCIATES, (425) 397-8424
- THE DEVELOPER/PROJECT ENGINEER IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM, ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS ANDREW REAVES, P.E., COMMUNITY DESIGN INC, (425) 252-3090.
- 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.
- ALL SITE WORK MUST COMPLY TO CHAPTER 33 OF THE UNIFORM BUILDING CODE. (LATEST EDITION).
- ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH COUNTY STANDARDS. PRECONSTRUCTION SOILS INVESTIGATION MAY BE REQUIRED TO EVALUATE SOILS STABILITY.
- IF CUT AND FILL SLOPES EXCEED A MAXIMUM OF TWO FEET HORIZONTAL TO ONE FOOT VERTICAL, A ROCK OR CONCRETE RETAINING WALL MAY BE REQUIRED. ALL ROCK RETAINING WALLS GREATER THAN FOUR (4) FEET IN HEIGHT ARE TO FOLLOW COUNTY SPECIFICATIONS AND TO BE DESIGNED AND CERTIFIED BY A CIVIL ENGINEER EXPERIENCED IN SOILS MECHANICS.
- STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING OF A PERENNIAL GROUND COVER GRASS. HYDROSEED IS PREFERRED.
- ALL STRUCTURAL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY BY MODIFIED PROCTOR TEST.
- T.E.S.C. MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE WORK (SEE ATTACHED PLAN).
- THE DRAINAGE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLAN (SEE ATTACHED). APPROVAL BY THE COUNTY GRADING INSPECTOR FOR INSTALLING DRAINAGE SYSTEM PRIOR TO FRAMING INSPECTION ON HOUSE.
- THE SURFACE OF ALL SLOPES SHALL BE COMPACTED. THIS MAY BE ACCOMPLISHED BY OVER-BUILDING THE SLOPES, THEN CUTTING BACK TO FINAL GRADES, OR BY RUNNING THE COMPACTOR OVER THE SLOPE AS EACH FILL LIFT IS BEING PLACED. ALL SLOPES SHALL BE COMPACTED BY THE END OF EACH WORK DAY.
- SEEDING SPECIFICATIONS - GRASS SEED SHALL BE 20% ANNUAL PERENNIAL OR HYBRID RYE GRASS, 40% CREEPING RED FESCUE 40% WHITE CLOVER. FERTILIZER SHALL BE APPLIED AT THE RATE OF 400 LBS PER ACRE OF 10-20-20 OR EQUIVALENT.
- ALL EXPOSED AND UNWORKED SOILS SHALL BE STABILIZED BY SUITABLE APPLICATION OF BMP'S. FROM OCTOBER 1 TO APRIL 30, NO SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN 2 DAYS. FROM MAY 1 TO SEPTEMBER 30, NO SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN 7 DAYS. PRIOR TO LEAVING THE SITE, STORMWATER RUNOFF SHALL PASS THROUGH A SEDIMENT POND OR SEDIMENT TRAP, OR OTHER APPROPRIATE BMP'S.

SHEET INDEX

- CONSTRUCTION NOTES
- GRADING AND EROSION CONTROL PLAN
- ROAD PLAN
- ROAD AND DRAINAGE PLAN
- ROAD AND DRAINAGE PROFILES
- DETAIL SHEET
- LANDSCAPE & RECREATION PLAN (SHT 1 OF 1)

CONSTRUCTION SEQUENCE

- ATTEND PRECON, FLAG CLEARING LIMITS WITH LOGGERS TAPE AND HAVE INSPECTED
- INSTALL CONST. ENT/FILTER FABRIC FENCE
- CLEAR AND GRUB SITE
- ROUGH GRADE ROAD, EXCAVATE INFILTRATION POND
- INSTALL UTILITIES, STORM DRAINAGE
- PAVE ROAD, STABILIZE SITE (HYDROSEED OR MULCH)
- REMOVE EROSION CONTROL MEASURES WHEN SITE IS STABILIZED AND POTENTIAL FOR EROSION HAS PASSED.

DATUM/BENCH MARK :

INVERT SANITARY MANHOLE NO.5, STATION 14+50, 43RD AVENUE NE, AS SHOWN ON AS-BUILT DRAWINGS OF TOTEM PARK DIVISION 4, SHEET 7 OF 13, ON FILE AT THE CITY OF MARYSVILLE PUBLIC WORKS DEPARTMENT. ELEVATION 112.95 N.G.V.D. 29' TO REDUCE TO N.A.V.D. 88 ADD 3.8 FEET.

GRADING QUANTITIES:

FILL = APPROX. 1,500 CY
CUT = APPROX. 1,500 CY

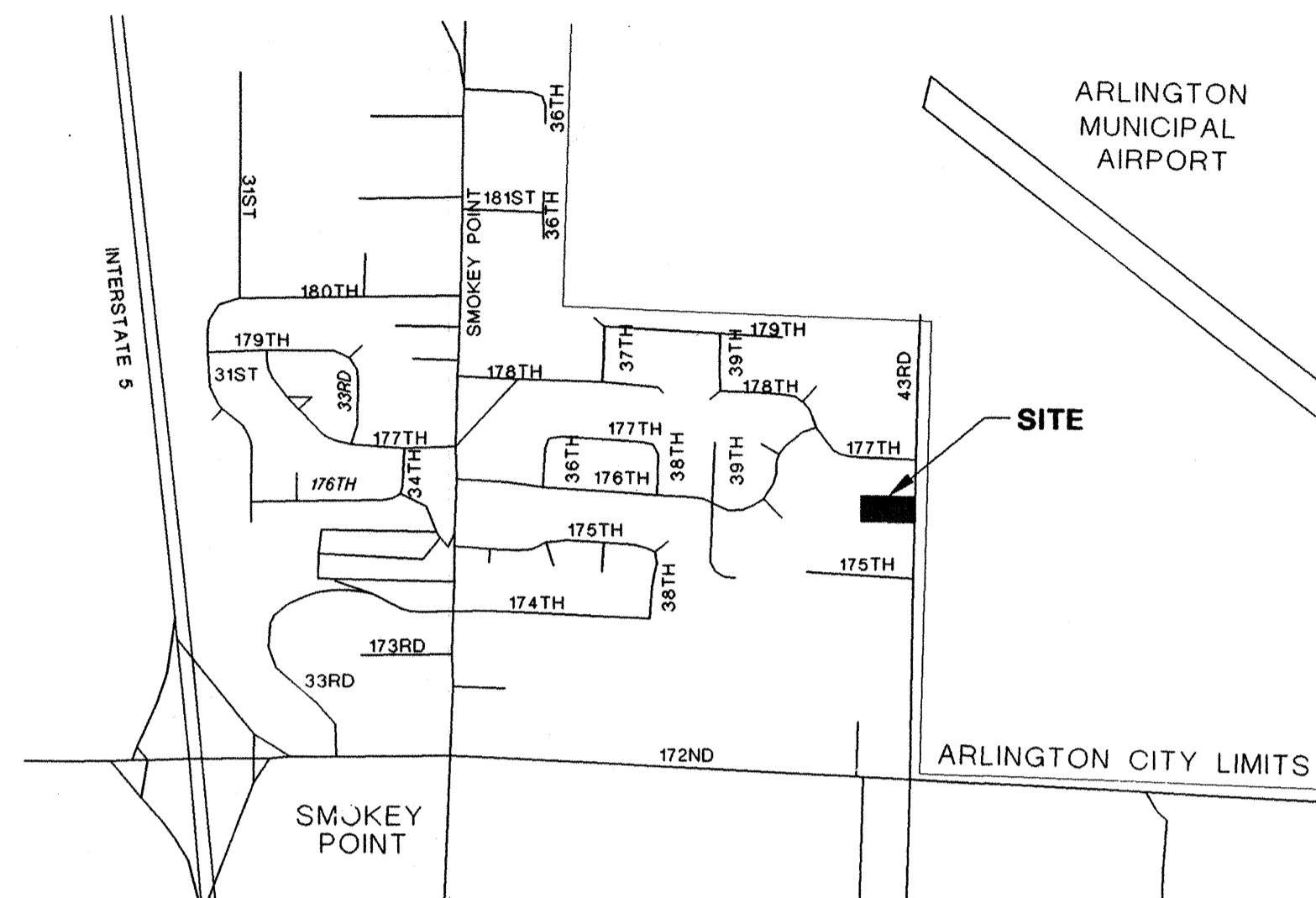
PROPERTY TAX ACCOUNT NUMBERS

213105-3-015-00
213105-3-015-01

CONTRACTOR RESPONSIBILITY FOR EROSION/SILTATION CONTROL

IT IS THE INTENT OF THIS TEMPORARY EROSION AND SILTATION CONTROL PLAN THAT STORM WATER RUN-OFF BE CONTROLLED AT ALL TIMES TO PREVENT SOIL EROSION AND TO MAINTAIN WATER QUALITY, ANY AND ALL MEASURES NECESSARY TO DO SO SHALL BE EMPLOYED BY THE CONTRACTOR.

- REGARDLESS OF SITE, WEATHER, SOIL OR OTHER CONDITIONS, THE CONTRACTOR SHALL BE FULLY ENSURING THAT EROSION DOES NOT OCCUR ON THE SITE AND THAT POLLUTED OR SILT-LADEN RUNOFF DOES NOT LEAVE THE SITE OR ENTER INTO ANY CREEK, STREAM, WETLAND OR WATER BODY ON THE SITE.
- BEYOND THE MINIMUM REQUIREMENTS SHOWN ON THIS PLAN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING AND IMPLEMENTING APPROPRIATE METHODS, "BEST MANAGEMENT PRACTICES" (BMP'S), FOR STORM WATER TREATMENT AND CONTROL THAT MEET THE REQUIREMENTS OF BOTH THE WASHINGTON STATE DEPARTMENT OF ECOLOGY AND SNOHOMISH COUNTY.
- ALL EXPOSED AND UNWORKED SOILS SHALL BE STABILIZED BY SUITABLE APPLICATION OF BMP'S INCLUDING BUT NOT LIMITED TO SOD OR OTHER VEGETATION, PLASTIC COVERING, MULCHING, OR APPLICATION OF GROUND BASE ON AREAS TO BE PAVED. ALL BMP'S SHALL BE SELECTED, DESIGNED AND MAINTAINED IN ACCORDANCE WITH AN APPROVED MANUAL.
 - A) OCTOBER 1 THROUGH APRIL 30, NO SOILS SHALL REMAIN EXPOSED FOR MORE THAN 2 DAYS.
 - B) MAY 1 THROUGH SEPTEMBER 30, NO SOILS SHALL REMAIN EXPOSED FOR MORE THAN 7 DAYS.
- THE CONTRACTOR SHALL REPORT ALL WATER QUALITY CONCERNS AND ACTIVITIES TO THE PROJECT ENGINEER AND TO SNOHOMISH COUNTY. IN THE EVENT THAT THE INSTALLED WATER QUALITY CONTROL MEASURES ARE INEFFECTIVE AT CONTROLLING EROSION AND SILTATION, THE CONTRACTOR SHALL IMMEDIATELY REPORT TO AND CONSULT WITH THE PROJECT ENGINEER TO FIND AN APPROPRIATE REMEDY. ALL CONSTRUCTION ACTIVITIES, WITH THE EXCEPTION OF EROSION AND SILTATION CONTROL MEASURES, SHALL CEASE UNTIL SUCH TIME AS THE WATER QUALITY IS BROUGHT UNDER CONTROL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING WEATHER FORECASTS AND ANTICIPATING STORM ACTIVITY AND SHALL SCHEDULE ALL PROJECT ACTIVITIES IN ANTICIPATION OF THE WEATHER.
- ALL SUPPLIES AND MATERIALS NECESSARY FOR IMPLEMENTING BMP'S SHALL BE STORED ON-SITE AND SHALL BE IMMEDIATELY AVAILABLE FOR USE. SUCH SUPPLIES AND MATERIALS SHALL INCLUDE, BUT NOT BE LIMITED TO, STRAW BALES OR OTHER MULCHING MATERIAL, SILT FENCING AND STAKES FILTER FABRIC, ECT.
- DURING AND AFTER RUNOFF PRODUCING STORM EVENTS, CONTRACTOR SHALL MONITOR ALL EROSION CONTROL MEASURES AND SHALL PRIORITIZE IMPLEMENTATION AND MAINTENANCE OF EROSION AND SILTATION CONTROL MEASURES ABOVE ALL OTHERS.
- THE SITE ENTRANCE SHALL BE SWEEPED DAILY AFTER EACH WORK DAY.

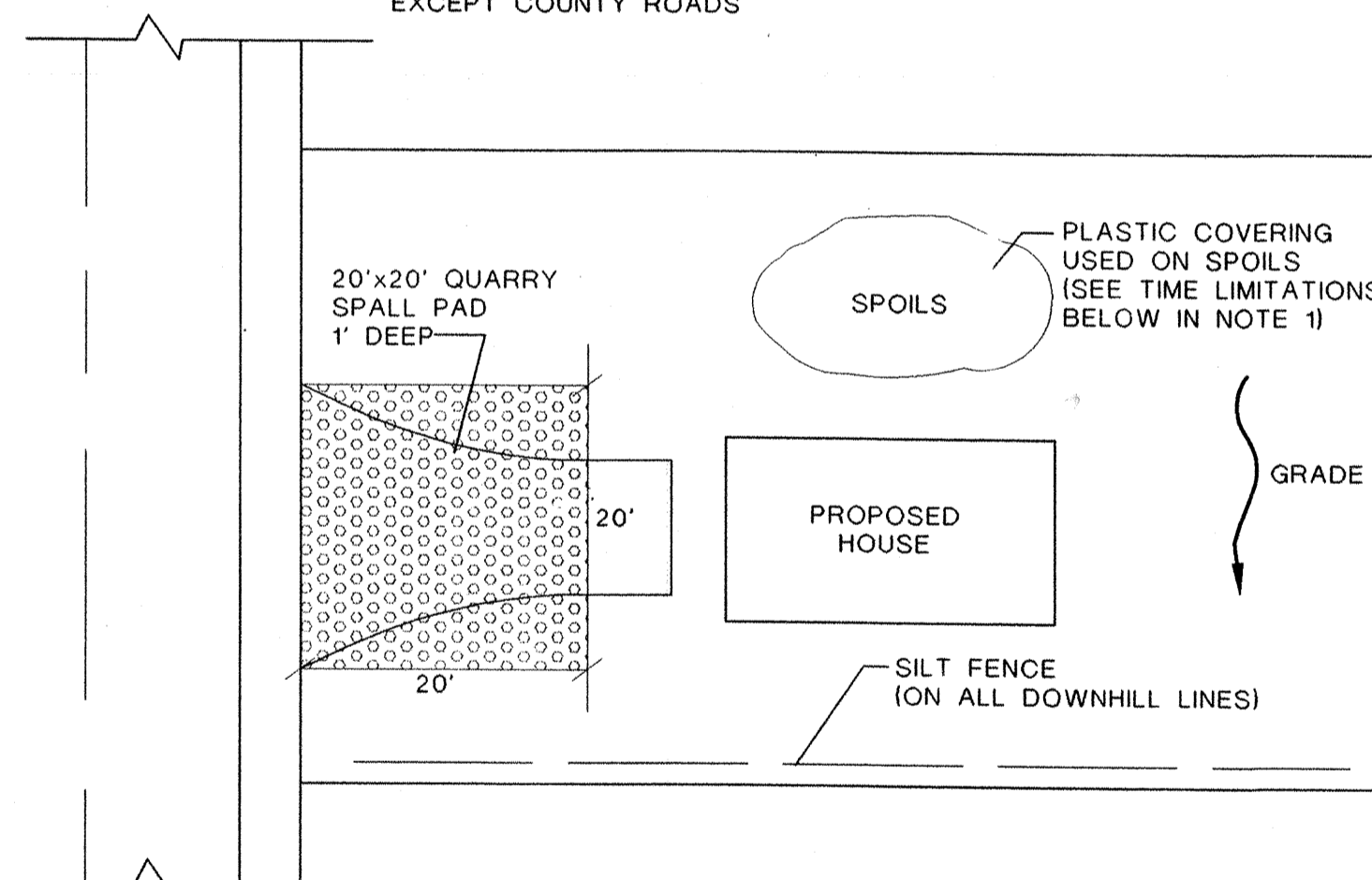


VICINITY MAP

1"=2,000'

LEGAL DESCRIPTION

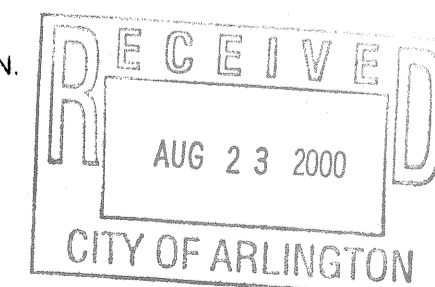
THE SOUTH ONE HALF OF THE SOUTHWEST ONE QUARTER OF THE NORTHEAST ONE QUARTER OF THE SOUTHWEST ONE QUARTER OF SECTION 21, TOWNSHIP 31 NORTH, RANGE 5 EAST, WM. IN SNOHOMISH COUNTY, WASHINGTON. EXCEPT COUNTY ROADS



- NOTE:
- SOIL STABILIZATION. ALL EXPOSED AND UNWORKED SOILS SHALL BE STABILIZED BY SUITABLE APPLICATION OF BMP'S, INCLUDING BUT NOT LIMITED TO SOD OR OTHER VEGETATION, PLASTIC COVERING, MULCHING, OR APPLICATION OF GROUND BASE ON AREAS TO BE PAVED. ALL BMP'S SHALL BE SELECTED, DESIGNED AND MAINTAINED IN ACCORDANCE WITH AN APPROVED MANUAL.
 - A) FROM OCTOBER 1 THROUGH APRIL 30, NO SOILS SHALL REMAIN EXPOSED FOR MORE THAN 2 DAYS.
 - B) FROM MAY 1 THROUGH SEPTEMBER 30, NO SOILS SHALL REMAIN EXPOSED FOR MORE THAN 7 DAYS.
 - ADJACENT PROPERTIES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION BY APPROPRIATE USE OF VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES OR MULCHING, OR BY A COMBINATION OF THESE MEASURES AND OTHER APPROPRIATE BMP'S.
 - ALL EROSION AND SEDIMENT CONTROL BMP'S SHALL BE REGULARLY INSPECTED AND MAINTAINED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
 - AS REQUIRED BY THE LOCAL PLAN APPROVAL AUTHORITY, OTHER APPROPRIATE BMP'S TO MITIGATE THE EFFECTS OF INCREASED RUNOFF SHALL BE APPLIED.

TYPICAL LOT TESC PLAN

NOT TO SCALE



CITY OF ARLINGTON
APPROVED FOR R/W CONSTRUCTION
BY: *[Signature]* 8-23-00
CITY ENGINEER
R/W PERMIT NO. 003



IN ACCORDANCE WITH SECTION 19.32.060(3), S.C.C., I HEREBY CERTIFY THAT THESE DRAWINGS SHOW THE ACTUAL LOCATION OF THE IMPROVEMENTS REQUIRED TO BE SHOWN HEREIN.

SUBDIVIDER _____
PROJECT ENGINEER _____

SNOHOMISH COUNTY PLANNING AND DEVELOPMENT SERVICES
APPROVED FOR CONSTRUCTION
BY: *[Signature]* 8/18/2000
R/W PERMIT NO. _____

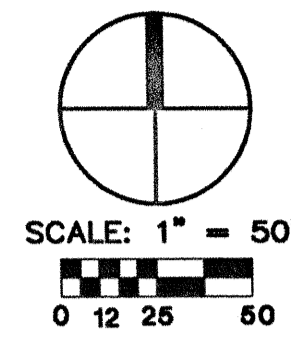
FOR: BORSETH CUSTOM HOMES, INC.
624 BEECH AVENUE
MARYSVILLE, WA 98270
ATTN: KIRK BORSETH
FAX (360) 659-7261
TEL: (360) 653-3720

COMMUNITY DESIGN, INC.
Civil Engineering • Land Use Consulting
2940 COLBY AVENUE, EVERETT, WA 98201 (425) 252-3090

SMOKEY PT. MEADOW
CONSTRUCTION NOTES
99 104682

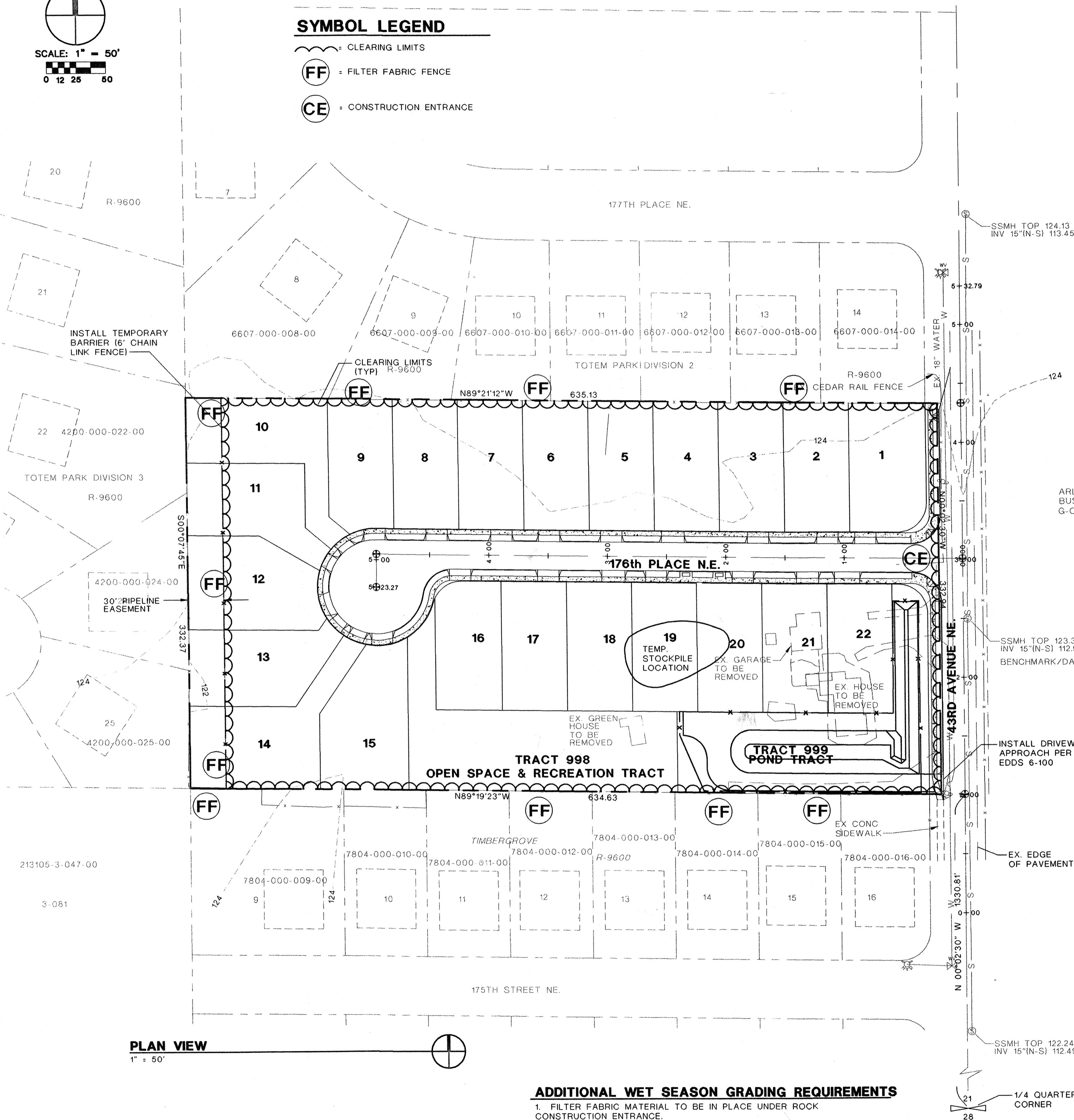
JOB NO.: 1180
DATE: JULY 20, 2000
DRAWN BY: RLG
CHECKED BY: ACR
REVISIONS:
SHEET 1 OF 6

NE1/4, SW 1/4, SECTION 21, TOWNSHIP 31 N, RANGE 5 E, W.M.



SYMBOL LEGEND

- = CLEARING LIMITS
- = FILTER FABRIC FENCE
- = CONSTRUCTION ENTRANCE



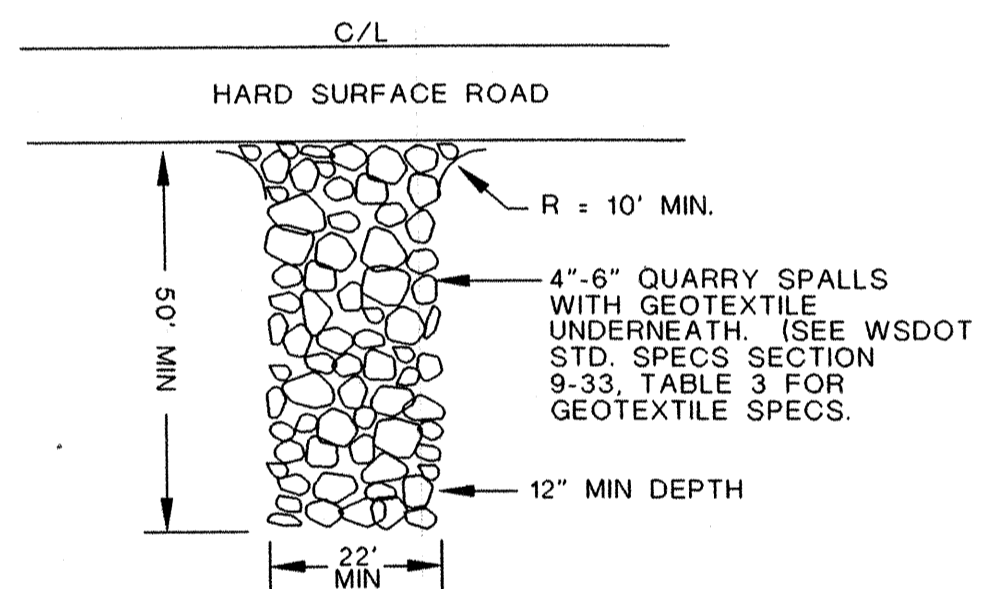
PLAN VIEW
1" = 50'

ADDITIONAL WET SEASON GRADING REQUIREMENTS

1. FILTER FABRIC MATERIAL TO BE IN PLACE UNDER ROCK CONSTRUCTION ENTRANCE.
2. NO DRAINAGE SHALL LEAVE THE SITE.

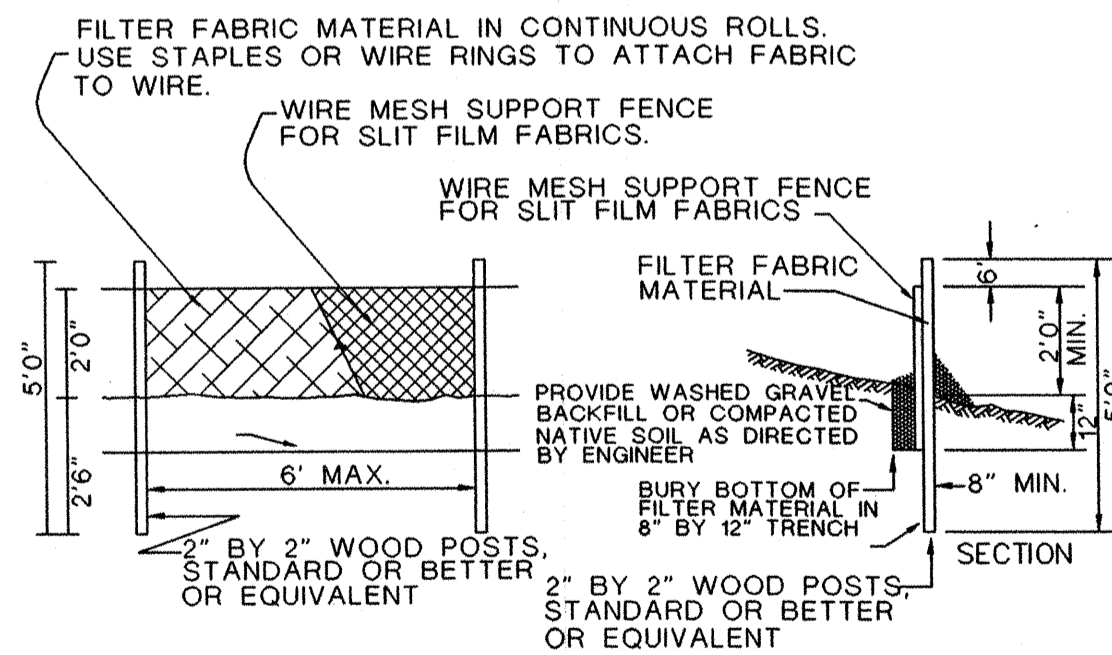
NOTE:

43RD AVE. TO BE CLEANED AND SWEEPED EACH DAY DURING CONSTRUCTION.



ROCK CONSTRUCTION ENTRANCE

NOT TO SCALE



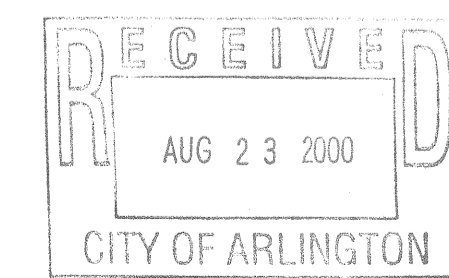
SILT FENCE DETAIL

NOT TO SCALE

FOR: BORSETH CUSTOM HOMES, INC.
624 BEECH AVENUE
MARYSVILLE, WA 98270
ATTN: KIRK BORSETH
FAX (360) 659-7261
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Civil & Engineering • Landscape Consulting
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**SMOKEY PT. MEADOW
GRADING AND EROSION CONTROL PLAN
99 104682**



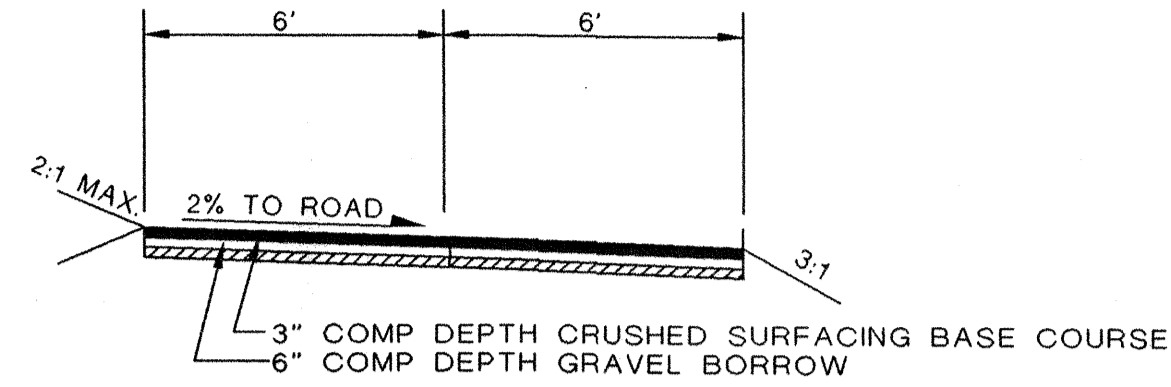
JOB NO.: 1180
DATE: JULY 20, 2000
DRAWN BY: RLG
CHECKED BY: ACR
REVISIONS:
SHEET 2 OF 6



SNOHOMISH COUNTY PLANNING AND DEVELOPMENT SERVICES
APPROVED FOR GRADING
BY: *Paul Riegler* 8/18/2000
R/W PERMIT NO. _____

NE1/4, SW 1/4, SECTION 21, TOWNSHIP 31 N, RANGE 5 E, W.M.

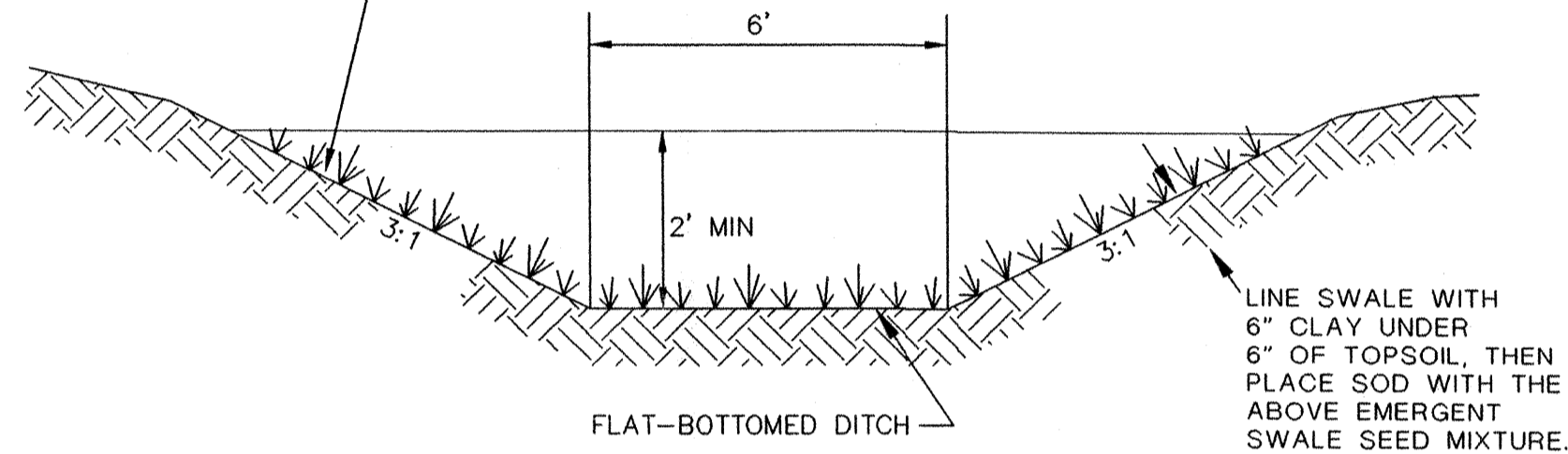
SECTION A-A (POND ACCESS ROAD)
NOT TO SCALE



LOT IMPERVIOUS AREA TABLE

LOT	DESIGN S.F.	AS-BUILD S.F.
1	2400	
2	2400	
3	2400	
4	2400	
5	2400	
6	2400	
7	2400	
8	2400	
9	2500	
10	2900	
11	2500	
12	2500	
13	2500	
14	2900	
15	2500	
16	2500	
17	2500	
18	2500	
19	2500	
20	2500	
21	2500	
22	2500	

LINE BIOFILTRATION SWALE WITH A TURF-GRASS SOD CONSISTING OF 40% MEADOW FOXTAIL, 25% ALTA FESCUE, 20% REDTOP BENT GRASS, 10% RED FESCUE, 5% BIRDSFOOT TREFLOIL BEFORE DISCHARGE OF STORMWATER TO SWALE

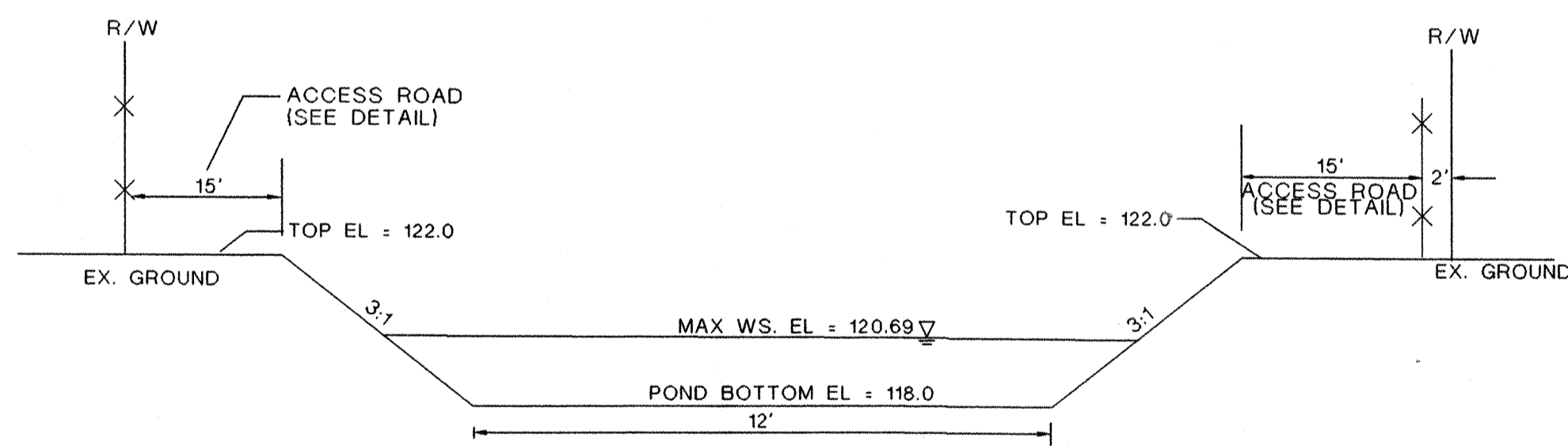


BIOFILTRATION SWALE DETAIL
NTS

POND COORDINATE TABLE
NOTE: COORDINATES ARE TO INSIDE CORNERS

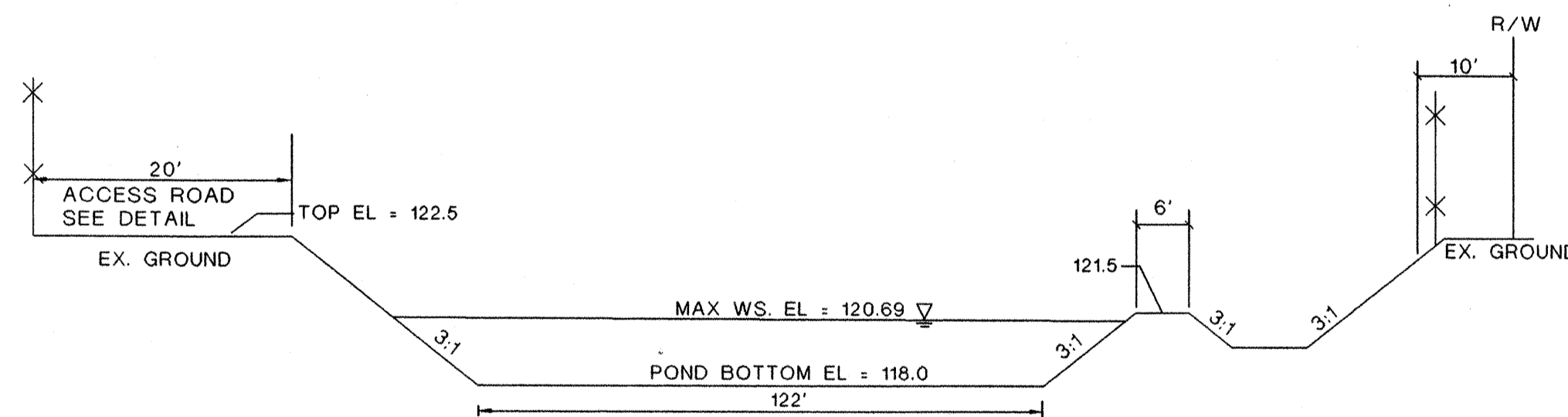
POINT NO.	NORTHING	EASTING
1	9064.53	9044.76
2	9031.57	9043.29
3	9061.98	9101.76
4	9029.37	9029.34

NOTE:
1. 2' SETBACK FOR ALL CONSTRUCTION

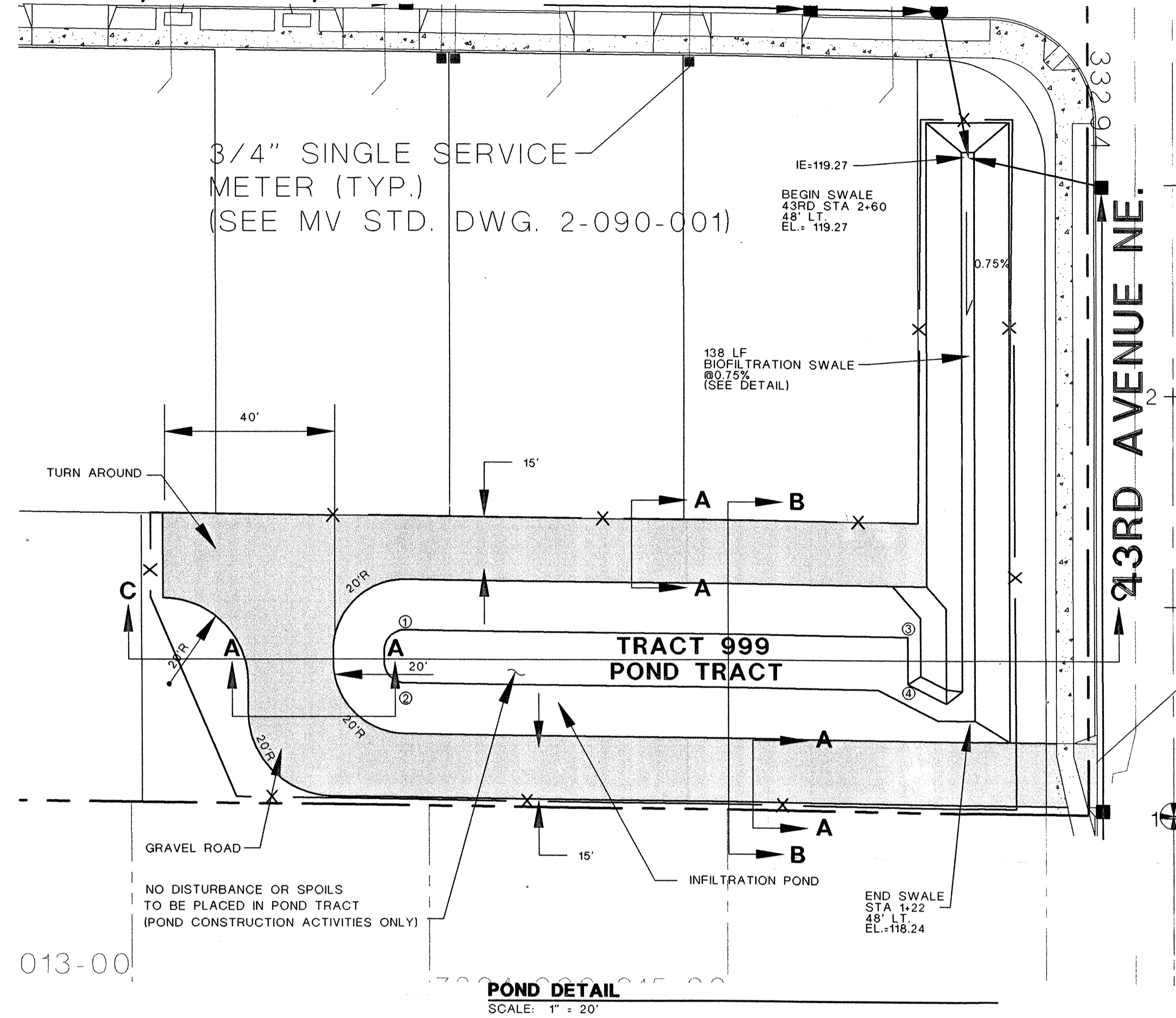


CROSS-SECTION B-B
SCALE: N.T.S.

NOTE:
1. 2' SETBACK FOR ALL CONSTRUCTION



CROSS-SECTION C-C
SCALE: N.T.S.

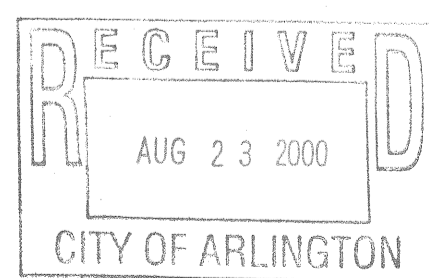


POND DETAIL
SCALE: 1" = 20'

FOR:
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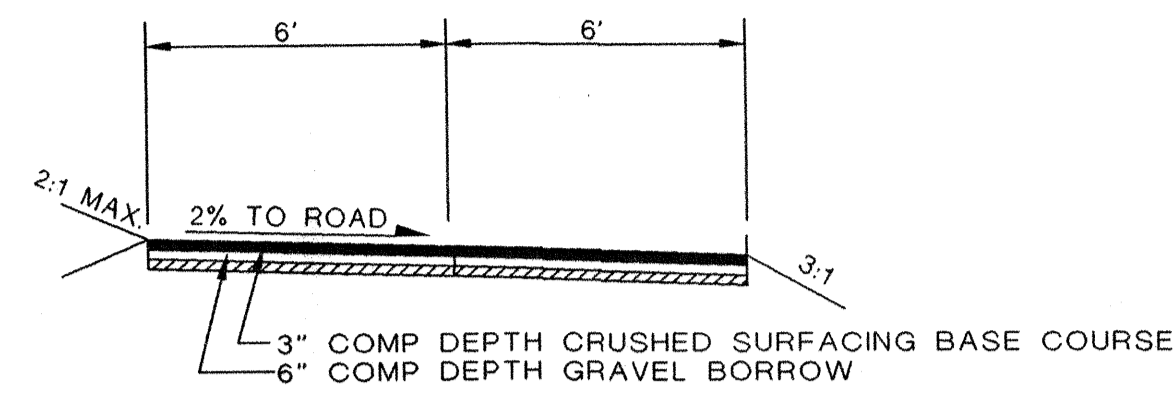
SMOKEY PT. MEADOW
DETAIL SHEET
99 104682



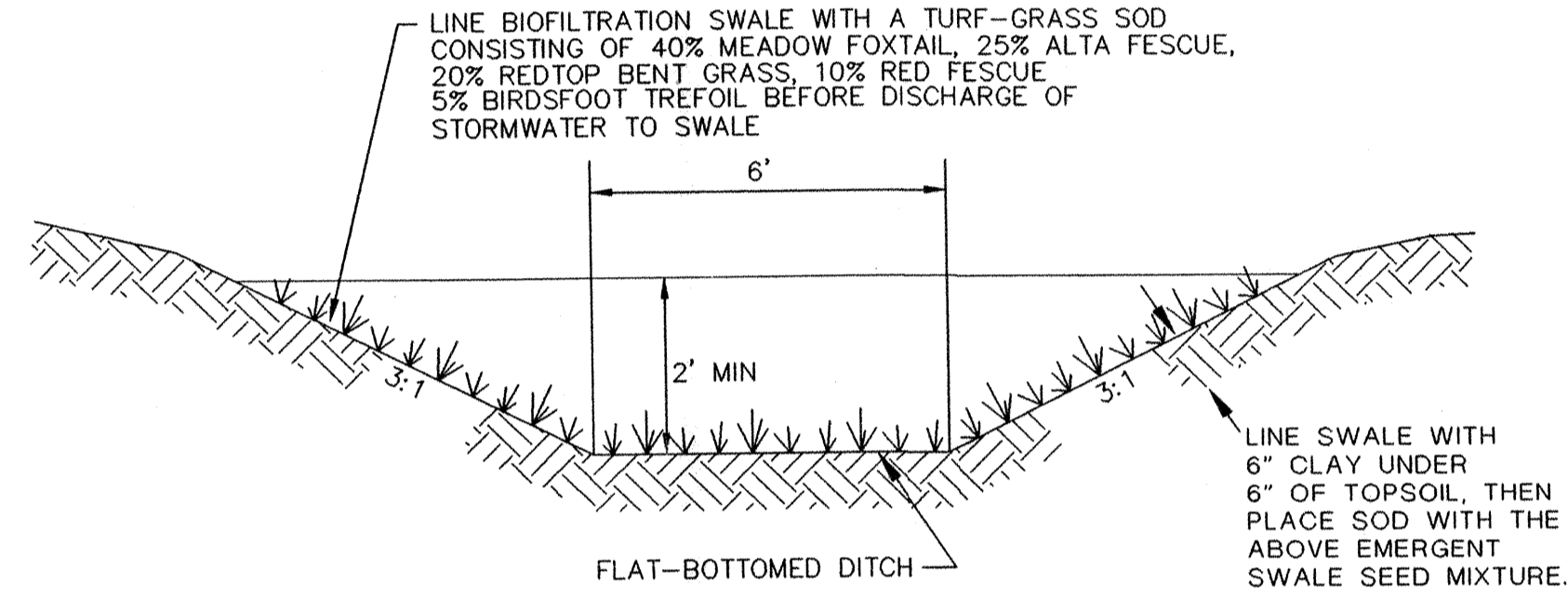
SNOHOMISH COUNTY PLANNING AND DEVELOPMENT SERVICES
APPROVED FOR CONSTRUCTION
BY: *Paul J. Kelly* 8/10/2000
R/W PERMIT NO. _____

JOB NO.:	1180
DATE:	JULY 20, 2000
DRAWN BY:	RLG
CHECKED BY:	ACR
REVISIONS:	

NE1/4, SW 1/4, SECTION 21, TOWNSHIP 31 N, RANGE 5 E, W.M.



SECTION A-A (POND ACCESS ROAD)
NOT TO SCALE



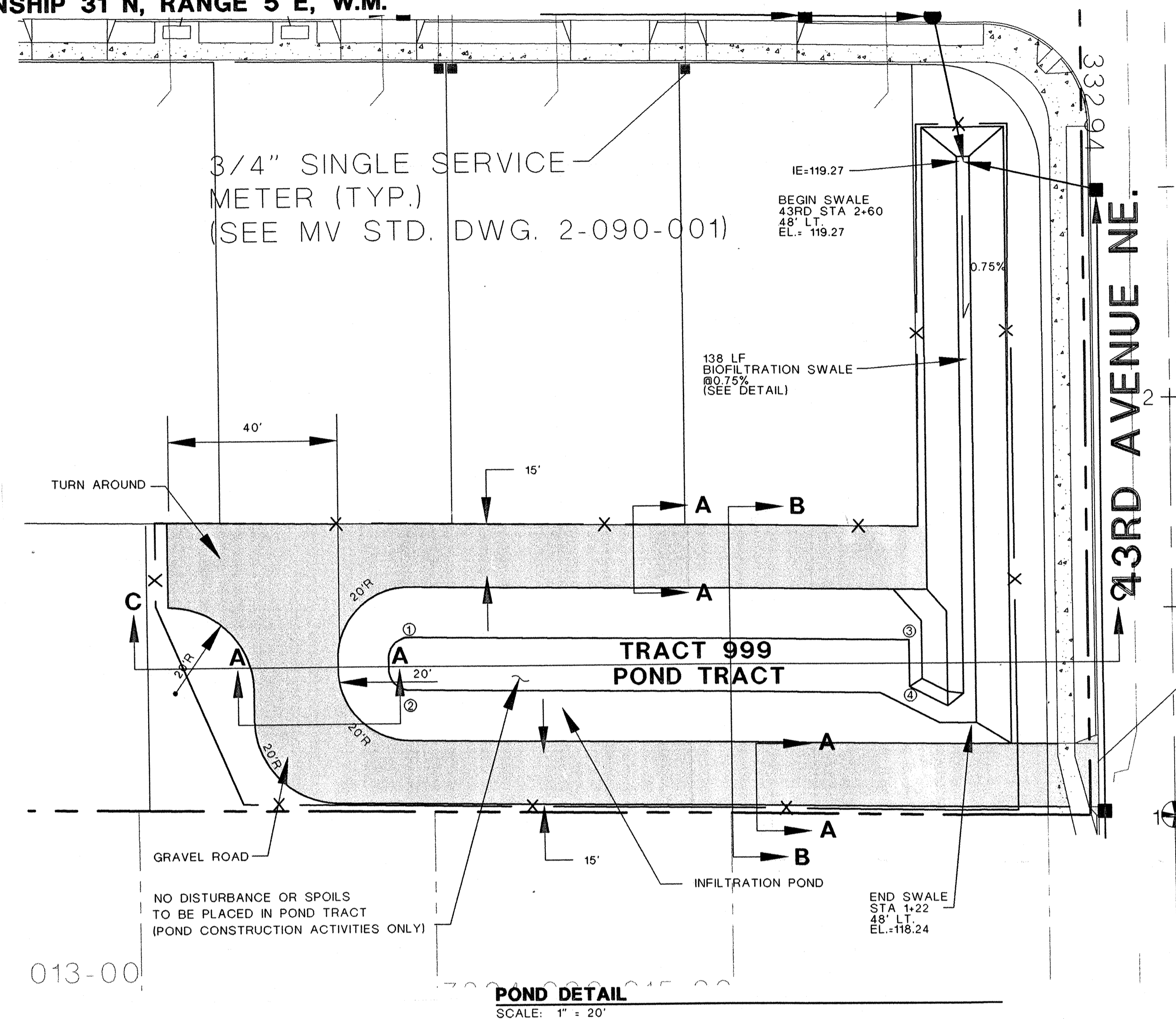
BIOFILTRATION SWALE DETAIL
NTS

LOT IMPERVIOUS AREA TABLE

LOT	DESIGN S.F.	AS-BUILD S.F.
1	2400	
2	2400	
3	2400	
4	2400	
5	2400	
6	2400	
7	2400	
8	2400	
9	2500	
10	2500	
11	2500	
12	2500	
13	2500	
14	2900	
15	2500	
16	2500	
17	2500	
18	2500	
19	2500	
20	2500	
21	2500	
22	2500	

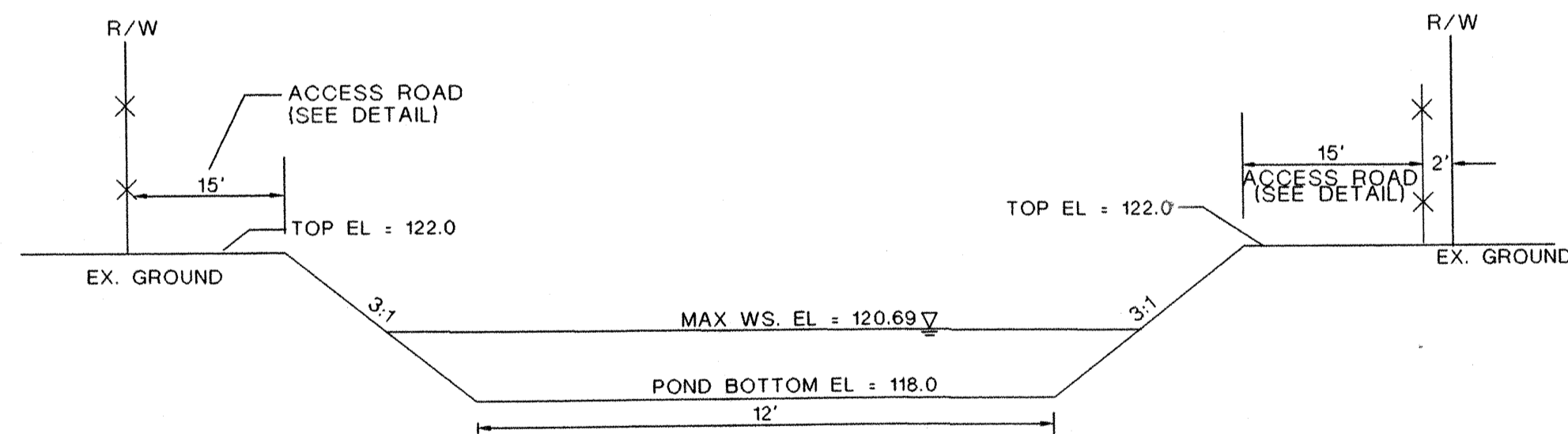
POND COORDINATE TABLE
NOTE: COORDINATES ARE TO INSIDE CORNERS

POINT NO.	NORTHING	EASTING
1	9064.53	9044.76
2	9031.57	9043.29
3	9061.98	9101.76
4	9029.37	9029.34



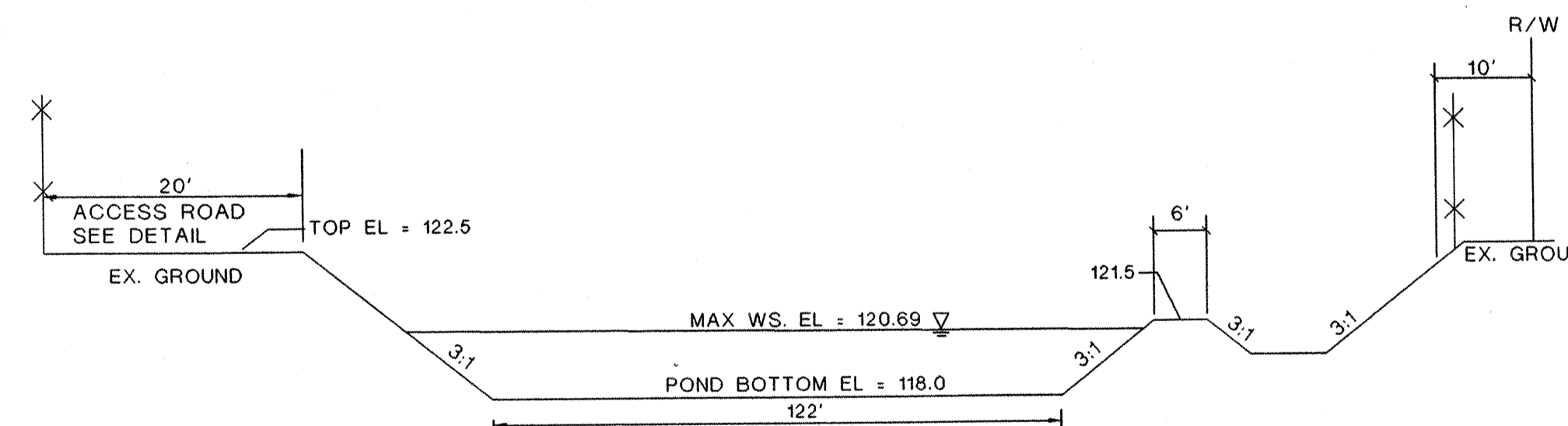
POND DETAIL
SCALE: 1" = 20'

NOTE:
1. 2' SETBACK FOR ALL CONSTRUCTION



CROSS-SECTION B-B
SCALE: N.T.S.

NOTE:
1. 2' SETBACK FOR ALL CONSTRUCTION

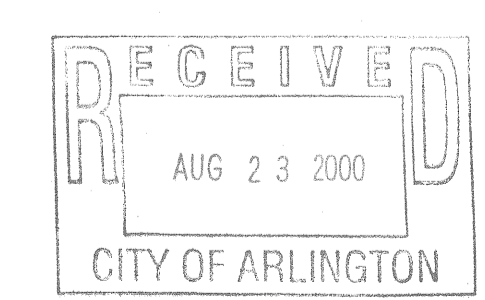


CROSS-SECTION C-C
SCALE: N.T.S.

FOR: BORSETH CUSTOM HOMES, INC.
624 BEECH AVENUE
MARYSVILLE, WA 98270
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Civil Engineering • Land Use Consulting
2940 COLBY AVENUE, EVERETT, WA 98201 (425) 252-3090

SMOKEY PT. MEADOW
DETAIL SHEET
99 104682

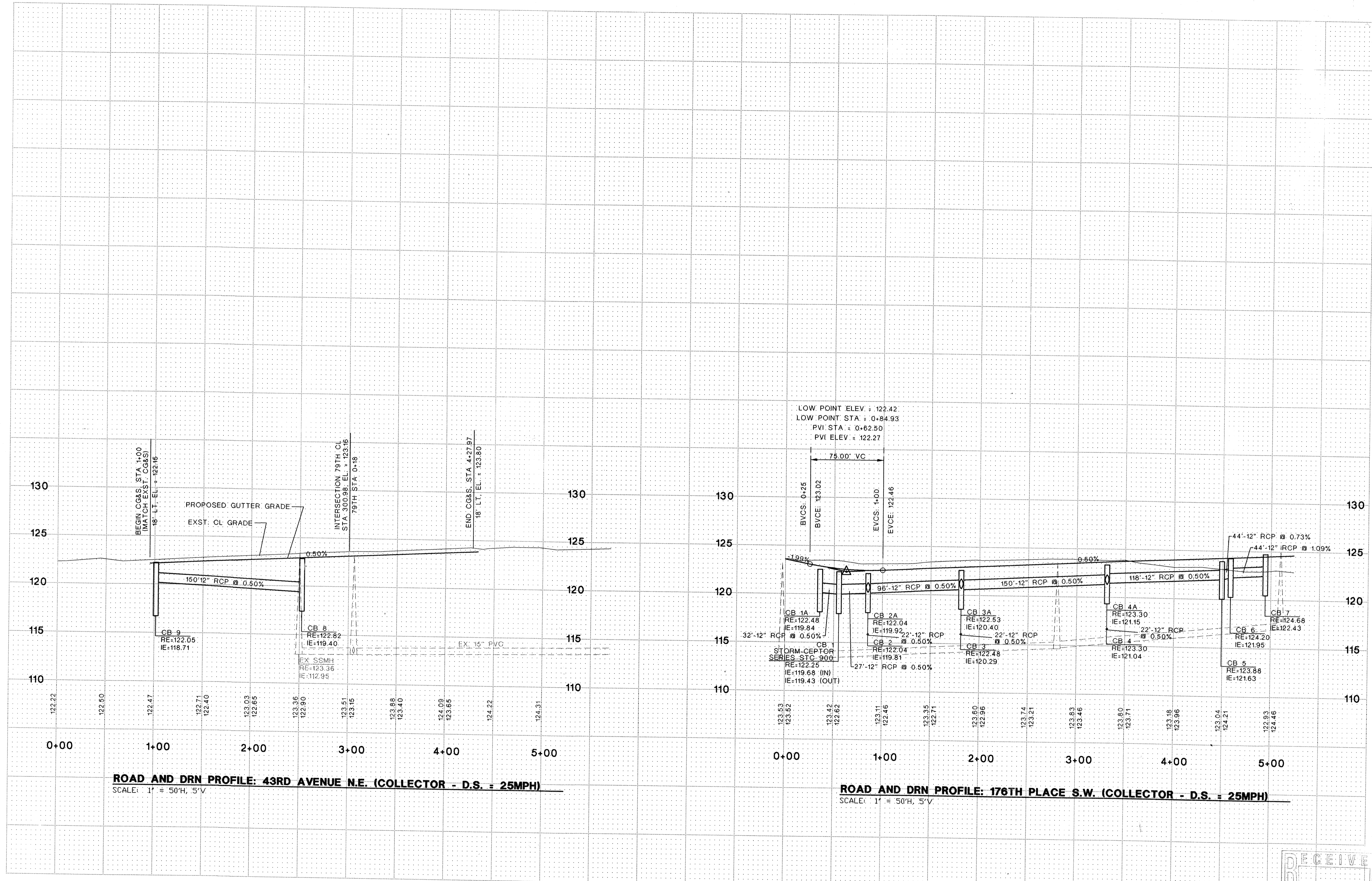


SNOHOMISH COUNTY PLANNING AND DEVELOPMENT SERVICES
APPROVED FOR CONSTRUCTION
BY: [Signature] 8/18/2000
R/W PERMIT NO. _____

JOB NO.:	1180
DATE:	JULY 20, 2000
DRAWN BY:	RLG
CHECKED BY:	ACR
REVISIONS:	
SHEET 6 OF 6	

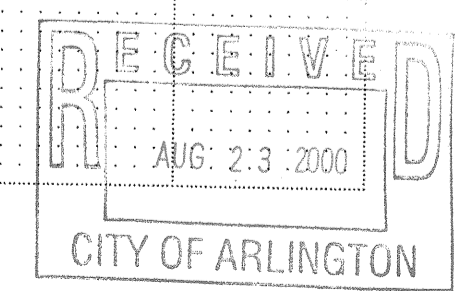
FILE: 1180/CONSTRUCTION/1180SH76.DWG XREF: 1180/1180BASE.DWG

NE1/4, SW 1/4, SECTION 21, TOWNSHIP 31 N, RANGE 5 E, W.M.



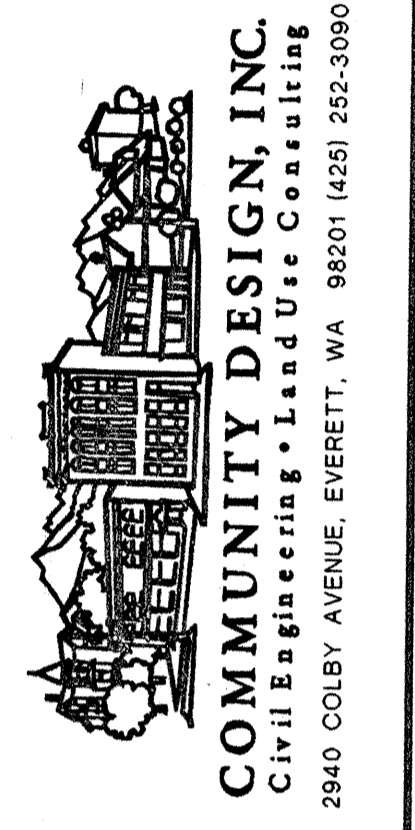
ROAD AND DRN PROFILE: 43RD AVENUE N.E. (COLLECTOR - D.S. = 25MPH)
SCALE: 1" = 50'H, 5'V

ROAD AND DRN PROFILE: 176TH PLACE S.W. (COLLECTOR - D.S. = 25MPH)
SCALE: 1" = 50'H, 5'V



SNOHOMISH COUNTY PLANNING AND DEVELOPMENT SERVICES
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R/W PERMIT NO. _____

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624 BEECH AVENUE
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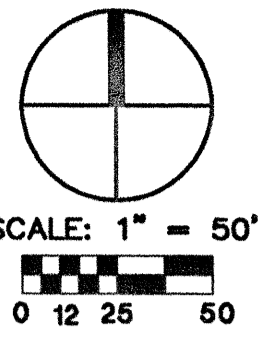


SMOKEY PT. MEADOW
ROAD AND DRAINAGE PROFILES
99 104682

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SHEET 5 OF 6

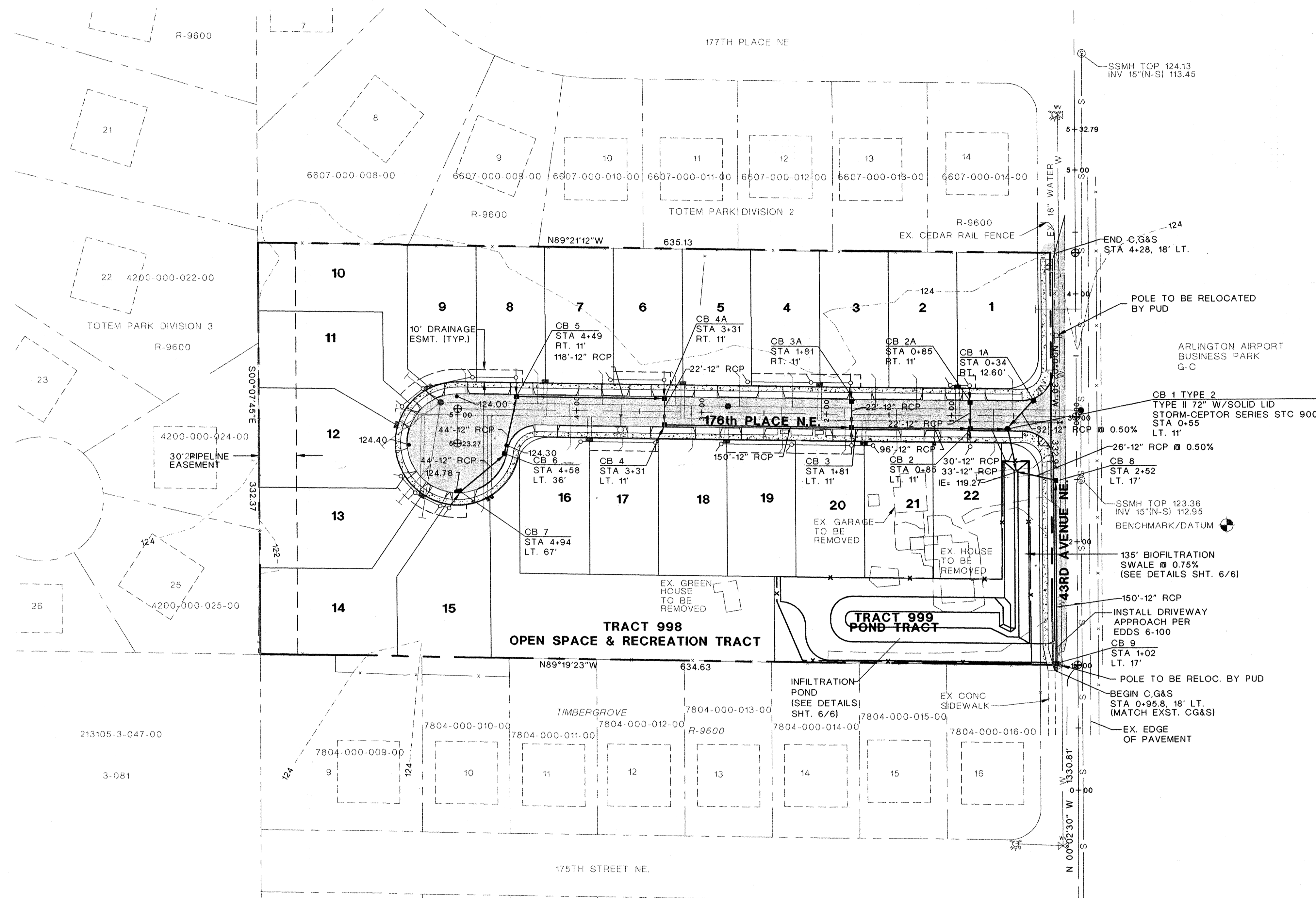
FILE: 180/CONSTRUCTION/180SPTS.DWG XREF: 180/180BASE.DWG

NE1/4, SW 1/4, SECTION 21, TOWNSHIP 31 N, RANGE 5 E, W.M.

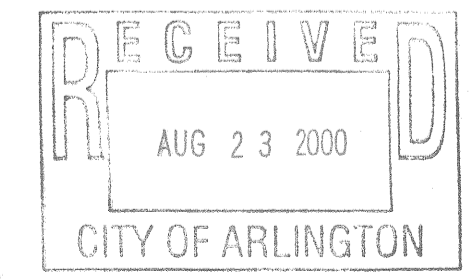
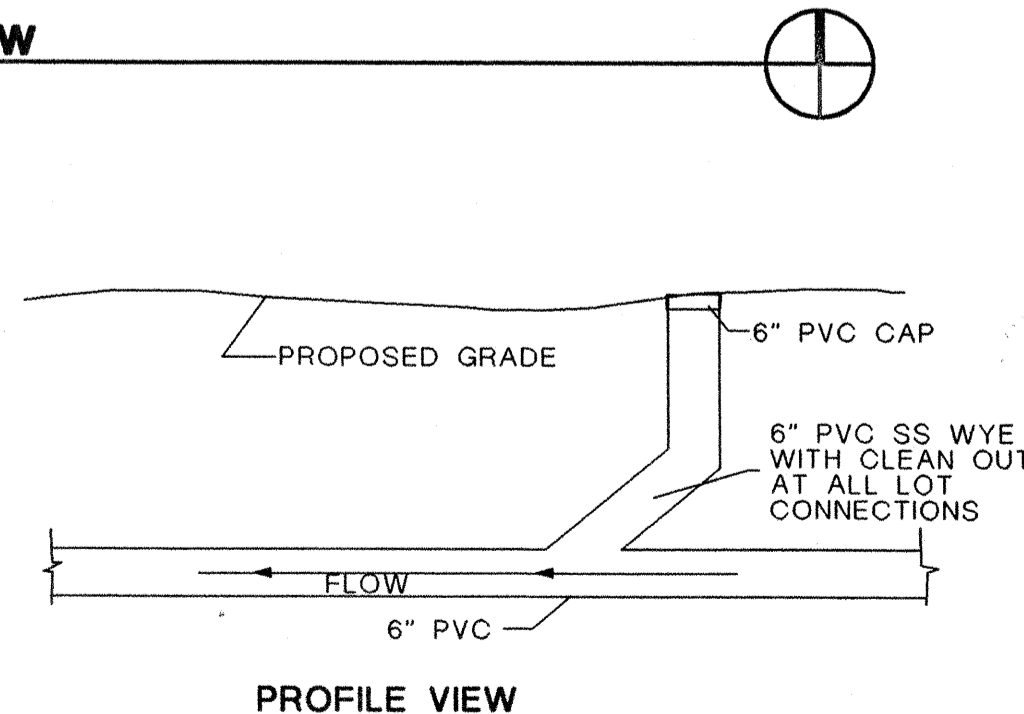
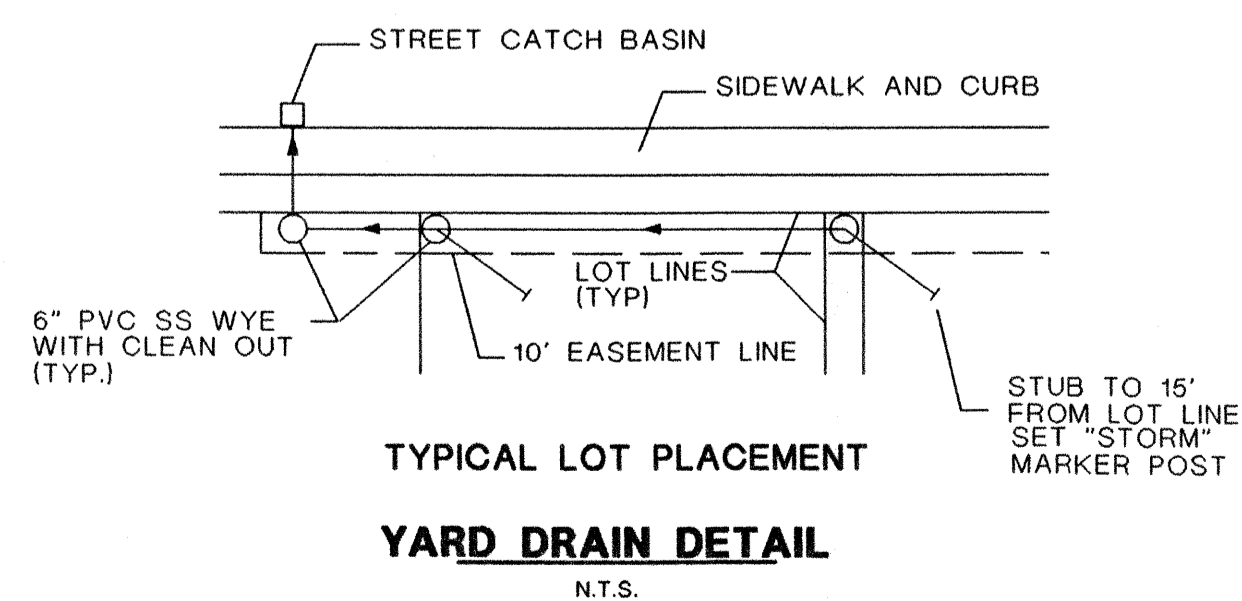


LOT DRAINAGE TABLE

LOT	TYPE	RE	IE	MIN. CRAWL SPACE EL.	AS-BUILT	
					RE	IE
1	6" PVC SS WYE	122.5	120.0	120.6		
2	6" PVC SS WYE	122.5	120.3	120.9		
3	6" PVC SS WYE	123.0	120.5	121.1		
4	6" PVC SS WYE	123.10	120.8	121.4		
5	6" PVC SS WYE	123.7	121.3	121.9		
6	6" PVC SS WYE	124.2	121.25	121.85		
7	6" PVC SS WYE	124.3	121.65	122.25		
8	6" PVC SS WYE	124.4	121.75	122.35		
9	6" PVC SS WYE	124.5	122.0	122.6		
10	6" PVC SS WYE	125.0	122.2	123.4		
11	6" PVC SS WYE	125.1	122.3	123.5		
12	6" PVC SS WYE	125.1	122.95	123.55		
13	6" PVC SS WYE	125.15	122.8	124.0		
14	6" PVC SS WYE	125.2	122.65	124.1		
15	6" PVC SS WYE	125.25	122.5	123.2		
16	6" PVC SS WYE	124.0	121.8	122.4		
17	6" PVC SS WYE	123.7	121.1	122.1		
18	6" PVC SS WYE	123.4	121.0	121.6		
19	6" PVC SS WYE	123.3	120.7	121.3		
20	6" PVC SS WYE	123.1	120.4	121.0		
21	6" PVC SS WYE	122.6	120.6	121.2		
22	6" PVC SS WYE	122.5	120.0	120.6		



PLAN VIEW
1" = 50'



SNOHOMISH COUNTY PLANNING AND DEVELOPMENT SERVICES
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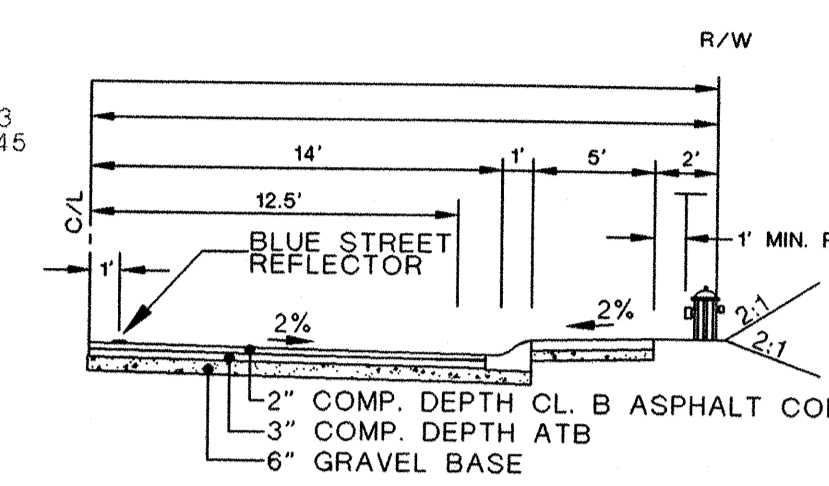
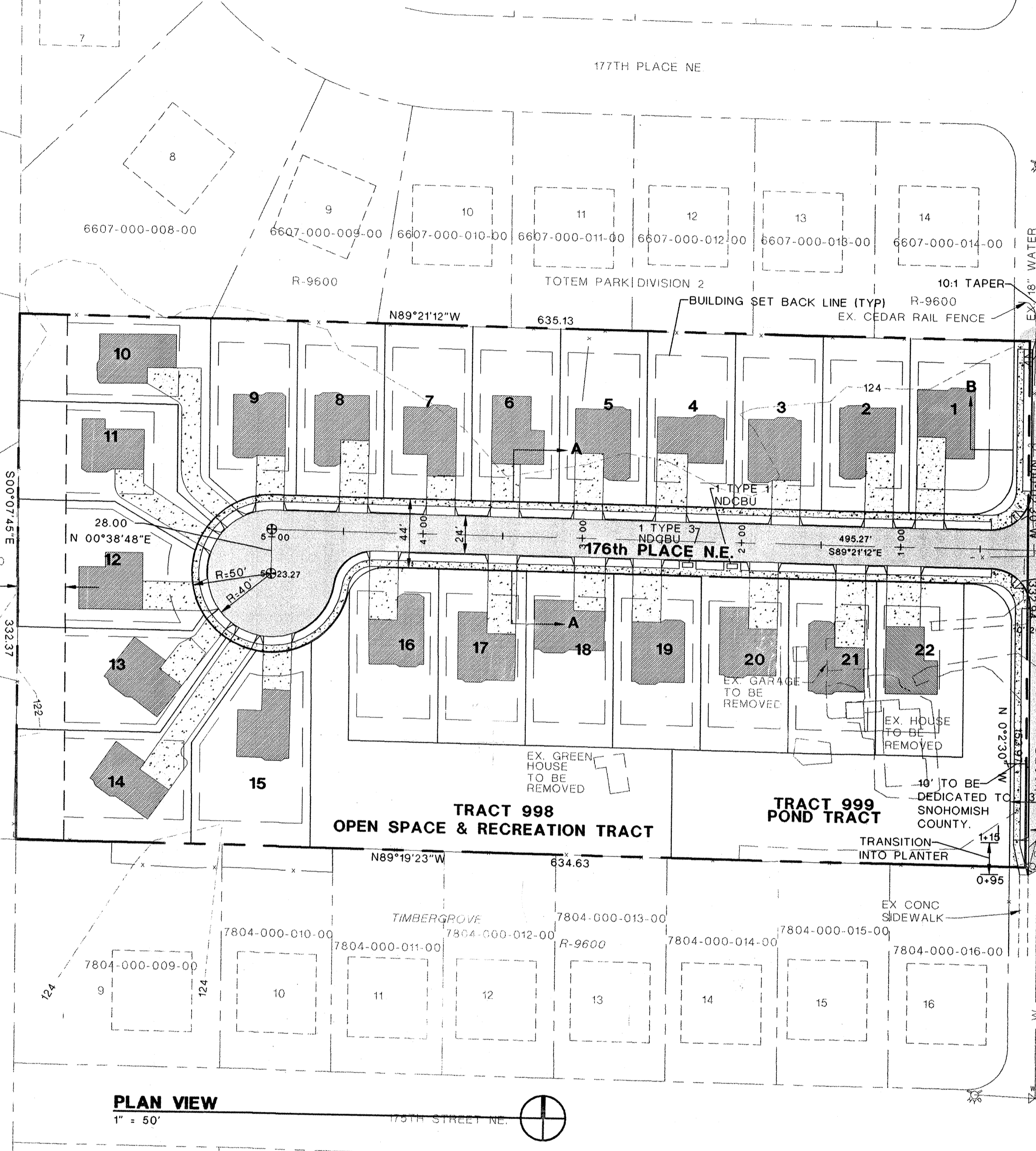
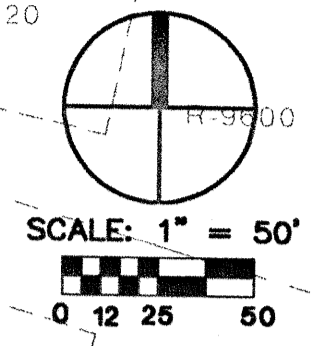
FOR: BORSETH CUSTOM HOMES, INC.
 624 BEECH AVENUE
 MARYSVILLE, WA 98270

COMMUNITY DESIGN, INC.
 Civil Engineering

SMOKEY PT. MEADOW
 ROAD AND DRAINAGE PLAN
 99 104682

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REVISIONS:	
SHEET 4 OF 6	

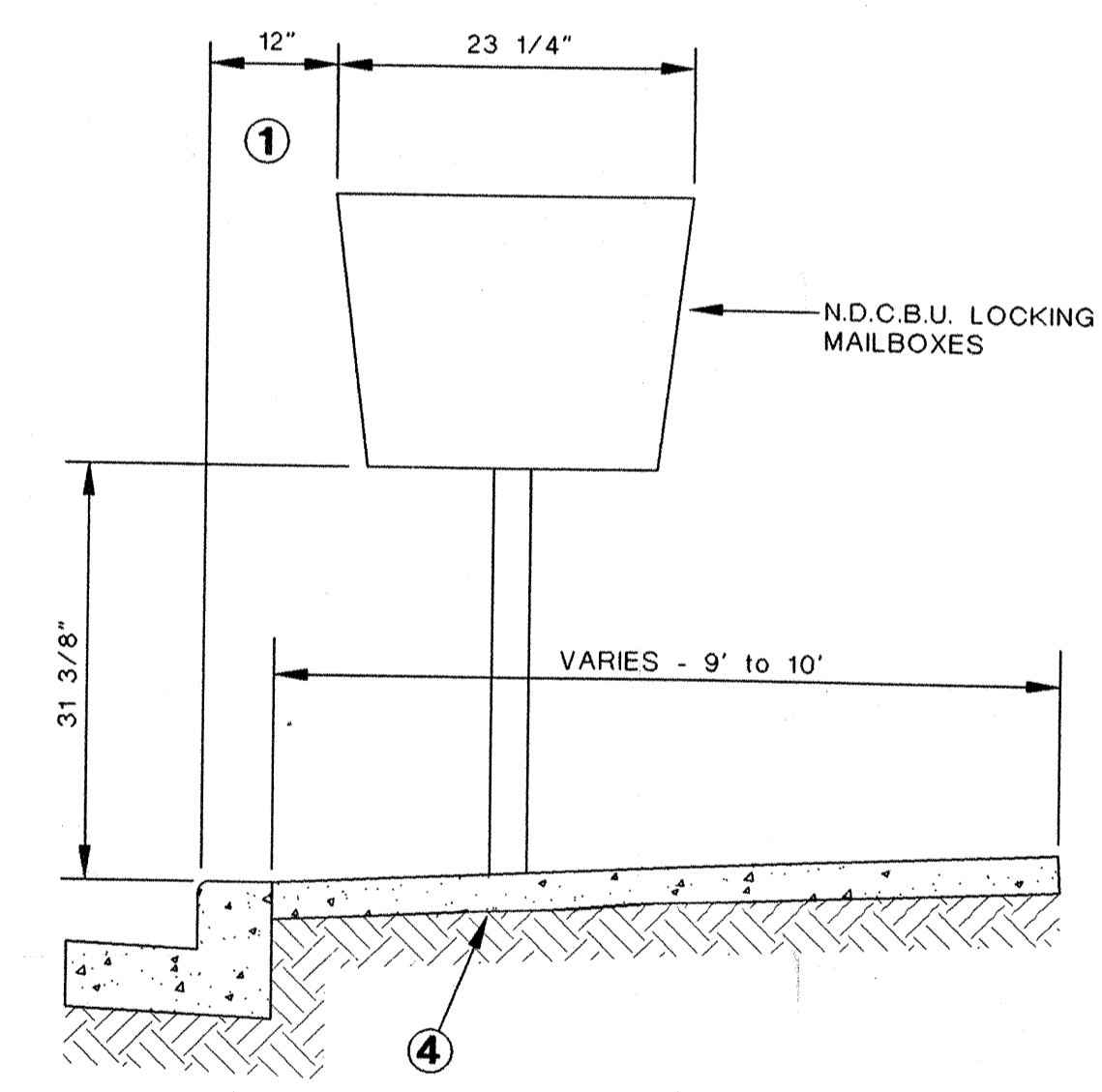
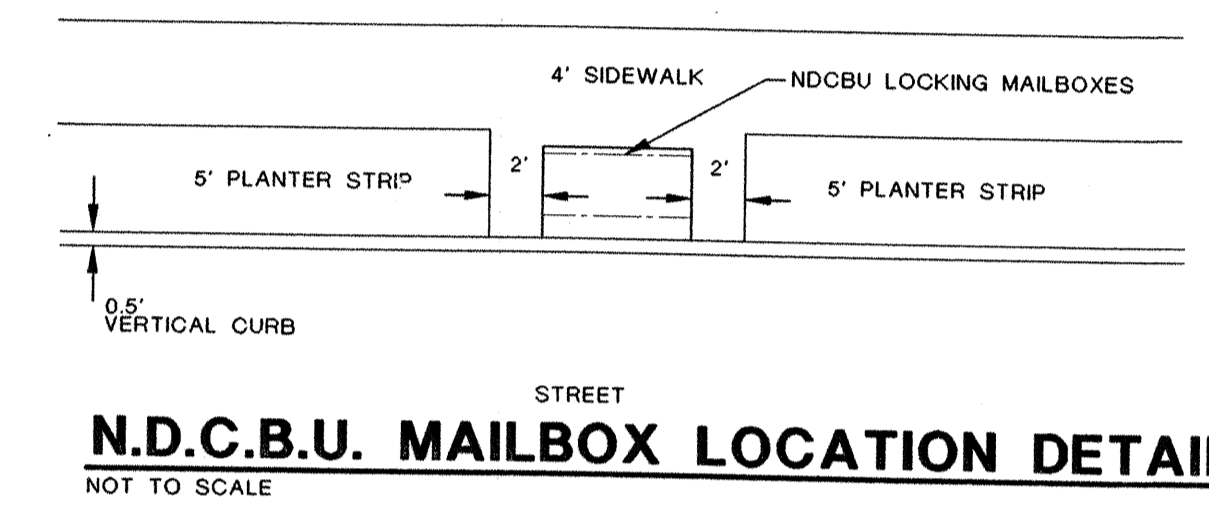
NE1/4, SW 1/4, SECTION 21, TOWNSHIP 31 N, RANGE 5 E, W.M.



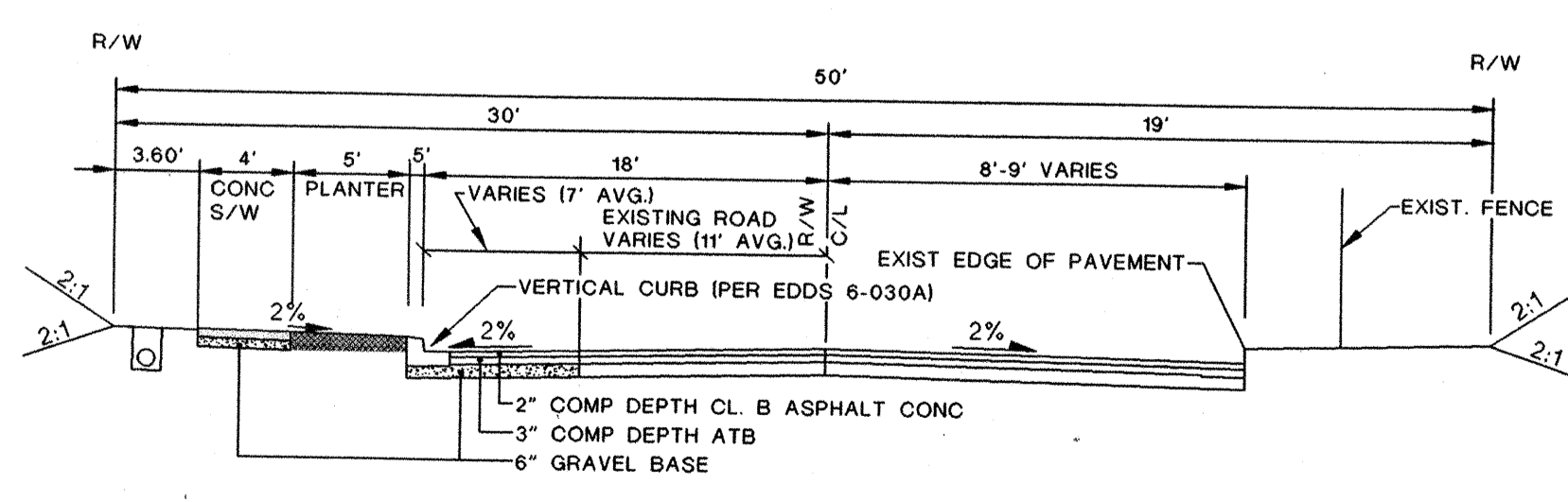
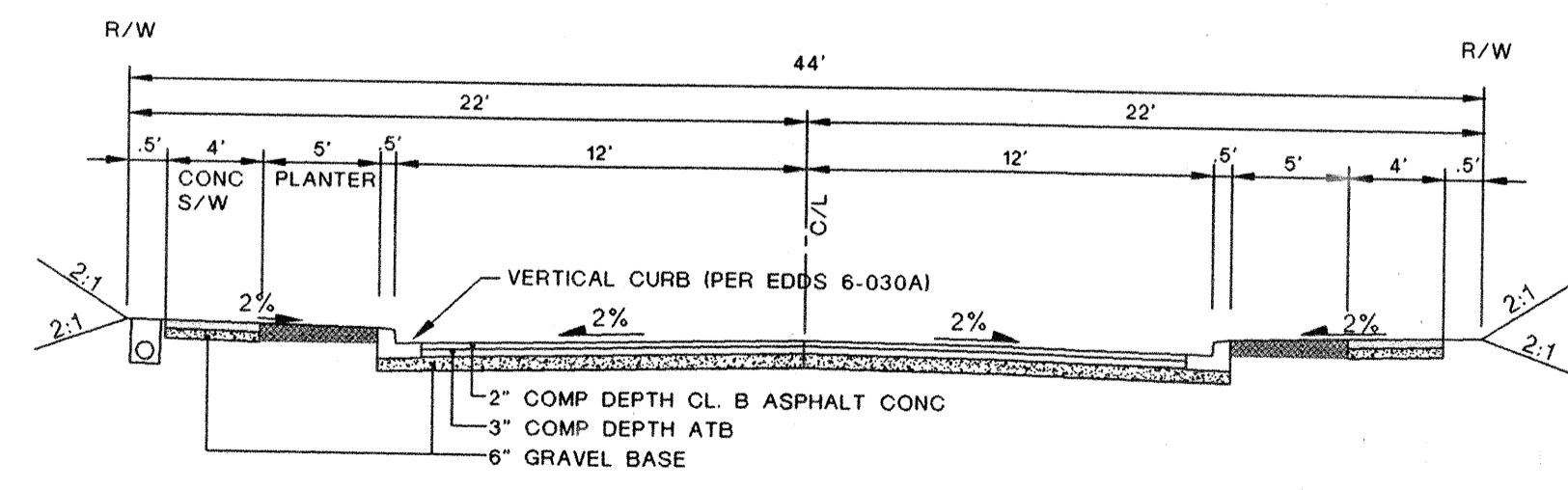
COLOR CODING FOR EXISTING AND NEW HYDRANTS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

LIGHT BLUE	1500 GPM OR GREATER	RED	1000-1499 GPM
GREEN	500-999 GPM	ORANGE	LESS THAN 500 GPM
BLACK	FOR DRAFTING USE ONLY	WHITE	CROSS ON TOP OF HYDRANT-FOR FILLING TANKERS ONLY

IN ADDITION TO NEW HYDRANTS THE DEVELOPER SHALL ALSO INSTALL BLUE STREET REFLECTORS TO INDICATE HYDRANT LOCATIONS.



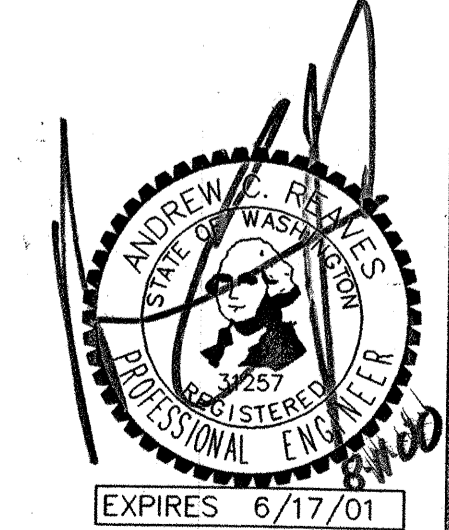
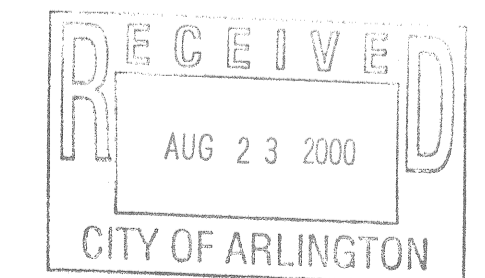
- NOTES:
- FOR ACCESS AND SUBCOLLECTOR STREETS WHERE THE POSTED SPEED LIMIT IS 25 MPH OR LESS. FOR ALL OTHER STREETS, MAILBOX TURNOUTS CONFORMING TO STANDARD DRAWING 6-156 WILL BE REQUIRED.
 - MAILBOXES MUST BE POSTMASTER APPROVED WITH A UNIFORM BOX STYLE AND METHOD OF ADDRESS IDENTIFICATION.
 - LOCATIONS OF MAILBOXES ARE SUBJECT TO APPROVAL BY THE DIRECTOR FOR ACCESS AND SIGHT DISTANCE REQUIREMENTS.
 - NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS (NDCBU) INCLUDING PEDESTAL, BASE PLATE, BREAKAWAY BOLTS AND ASSOCIATED CONCRETE SLAB SHALL BE INSTALLED BY THE U.S. POSTAL SERVICE.
 - INSTALL CULVERT AS REQUIRED. 12 INCH MINIMUM DIAMETER.



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ROAD PLAN
99 104682



SNOHOMISH COUNTY PLANNING AND DEVELOPMENT SERVICES
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REVISIONS:
SHEET 3 OF 6