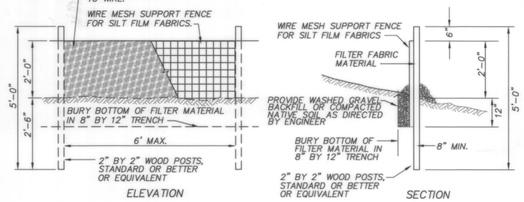
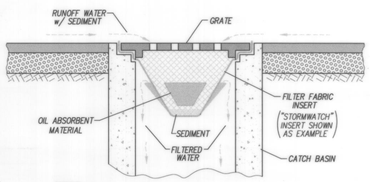
SW1/4, SE1/4, SECTION 16, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M., SNOHOMISH COUNTY, WA



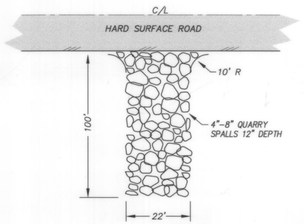
NOTE:
CONTRACTOR SHALL INSTALL SILT FENCES AT APPROPRIATE LOCATIONS AS DIRECTED BY THE CITY INSPECTOR.

ORANGE FILTER FENCE DETAIL (3)
N.T.S.



NOTE:
"GULLYWASHER", "SILT SACK" OR OTHER APPROVED CATCH BASIN INSERT MAY BE USED FOR INLET PROTECTION. CONTACT: PRICE-MOON ENTERPRISES PH: 360-563-6709 OR, "SILTSACK" BY ACF ENVIRONMENTAL AT PH: 1-800-644-9223 (OR APPROVED EQUAL).

TEMPORARY INLET PROTECTION DETAIL (2)
N.T.S.

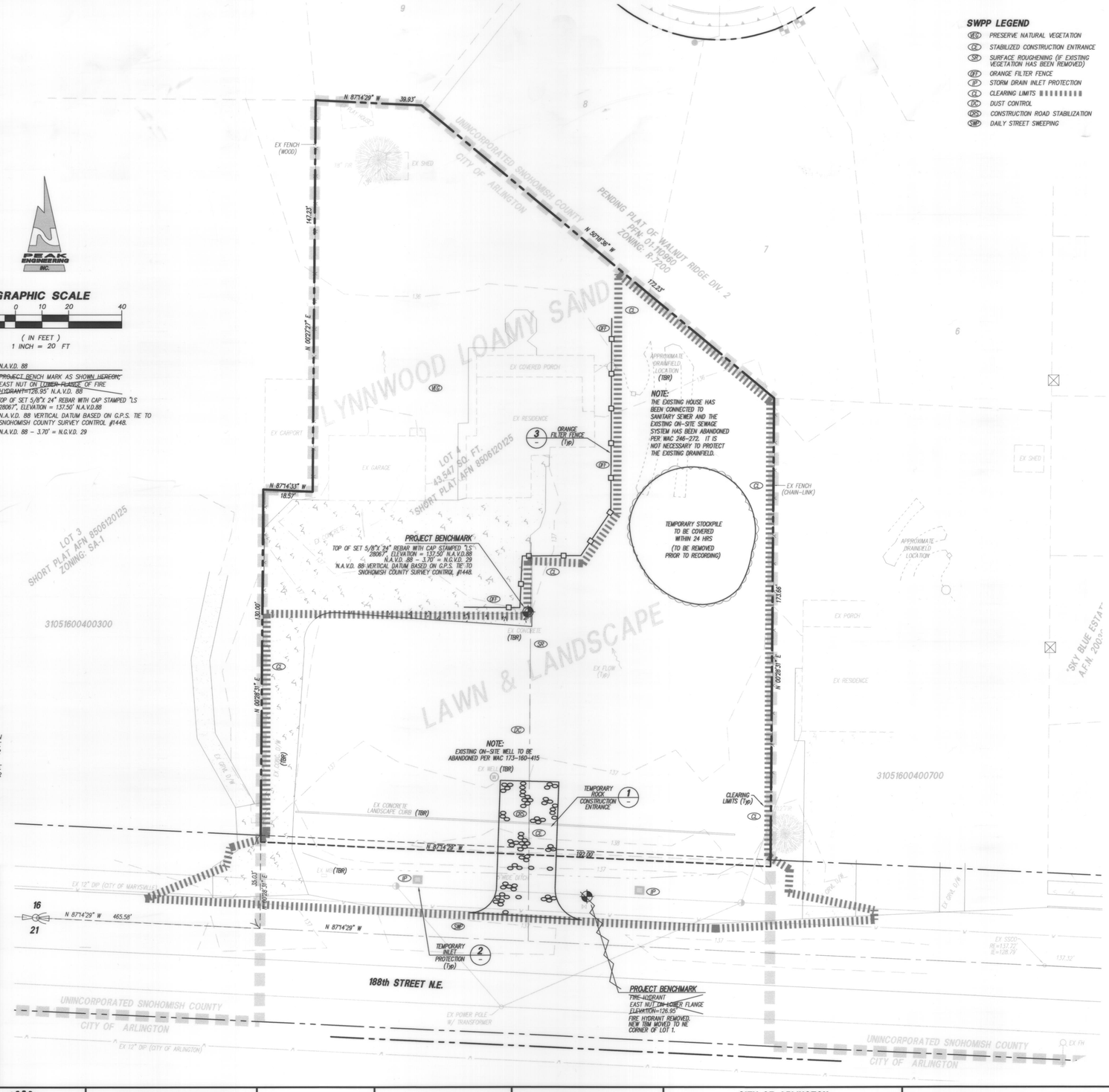


ROCK CONSTRUCTION ENTRANCE (1)
N.T.S.

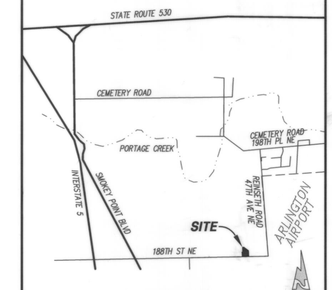
PEAK ENGINEERING INC.

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 INCH = 20 FT

DATUM: N.A.V.D. 88
BENCH: ~~PROJECT BENCH MARK AS SHOWN HEREON:~~ EAST NUT ON ~~"OTHER FLANGE OF FIRE HYDRANT"~~ 126.95' N.A.V.D. 88
TOP OF SET 5/8"X 24" REBAR WITH CAP STAMPED "LS 28067", ELEVATION = 137.50' N.A.V.D.88
N.A.V.D. 88 VERTICAL DATUM BASED ON G.P.S. TIE TO SNOHOMISH COUNTY SURVEY CONTROL #1448.
N.A.V.D. 88 – 3.70' = N.G.V.D. 29



SWPP LEGEND
- (PEC) PRESERVE NATURAL VEGETATION
- (CE) STABILIZED CONSTRUCTION ENTRANCE
- (SR) SURFACE ROUGHENING (IF EXISTING VEGETATION HAS BEEN REMOVED)
- (OFF) ORANGE FILTER FENCE
- (IP) STORM DRAIN INLET PROTECTION
- (CL) CLEARING LIMITS
- (DC) DUST CONTROL
- (CRS) CONSTRUCTION ROAD STABILIZATION
- (SWP) DAILY STREET SWEEPING



VICINITY MAP

LEGAL DESCRIPTION:
THAT PORTION OF THE SOUTHWEST QUARTER OF SOUTHEAST QUARTER OF SECTION 16, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M., DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF THE EAST 15 ACRES OF THE EAST HALF OF SAID SUBDIVISION; THENCE SOUTH 89°59'53" WEST ALONG THE SOUTH LINE OF SAID SUBDIVISION FOR A DISTANCE OF 104.35 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUE SOUTH 89°59'53" WEST ALONG THE SOUTH LINE OF SAID SUBDIVISION FOR A DISTANCE OF 192.00 FEET; THENCE NORTH 21°03" WEST PARALLEL WITH THE WEST LINE OF AFOREMENTIONED EAST 15 ACRES FOR 165.03 FEET; THENCE NORTH 89°59'53" EAST PARALLEL WITH THE SOUTH LINE OF SAID SUBDIVISION FOR A 18.57 FEET; THENCE NORTH 21°03" WEST PARALLEL WITH THE WEST LINE OF AFOREMENTIONED EAST 15 ACRES FOR 147.36 FEET; THENCE NORTH 89°59'53" EAST PARALLEL WITH THE SOUTH LINE OF SAID SUBDIVISION FOR 39.83 FEET; THENCE SOUTH 53°01'53" EAST FOR A DISTANCE OF 172.27 FEET; THENCE SOUTH 21°03" EAST PARALLEL WITH THE WEST LINE OF AFOREMENTIONED EAST 15 ACRES FOR 208.70 FEET TO A POINT ON THE SOUTH LINE OF SAID SUBDIVISION AND THE TRUE POINT OF BEGINNING.

EXCEPT THE SOUTH 35.00 FEET THEREOF FOR COUNTY ROAD.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

CONTAINING 43560.4 SQUARE FEET.

(LEGAL DESCRIPTION PER SHORT PLAT RECORDED UNDER A.F.N. 8506120125)

SITE DATA:

SITE AREA:	43,547 SQ. FT.
EXISTING ZONING	SA-1
PROPOSED ZONING	RLMD
PROPOSED LOTS	4 LOTS
PROPOSED WATER	CITY OF ARLINGTON
PROPOSED SEWER	CITY OF ARLINGTON
SCHOOL DISTRICT	ARLINGTON #16
FIRE DISTRICT	CITY OF ARLINGTON

TAX PARCEL NO.:
31051600401500

SITE ADDRESS:
4423 188th ST. NE
ARLINGTON, WA 98223

RISK ASSESSMENT: LOW

EROSION CONTROL CONCEPT
ALL DISTURBED AREAS SHALL BE PREPARED AND MAINTAINED TO CONTROL EROSION. LEAVE VEGETATIVE BUFFER AROUND PERIMETER OF SITE AND EXISTING GROUND COVER AS LONG AS POSSIBLE. SEE SHEET 3 FOR T.E.S.C. NOTES.

CONSTRUCTION SEQUENCE
THIS CONSTRUCTION SEQUENCE IS TO BE USED AS A GUIDELINE. CONDITIONS MAY REQUIRE CHANGES IN TIMING OF WORK. CHANGES SHALL BE DISCUSSED WITH AND APPROVED BY INSPECTOR AND OWNER.

1. ARRANGE AND ATTEND PRE-CONSTRUCTION MEETING WITH THE CITY (360-403-3500).
2. FLAG PROPERTY LINES AND CLEARING LIMITS AS INDICATED ON CLEARING AND T.E.S.C. PLAN.
3. INSTALL CONSTRUCTION ENTRANCE PER PLAN.
4. CLEAR & GRUB TO CLEARING LIMITS. LEAVING MUCH GROUND COVER (PEC) AS POSSIBLE.
5. ROUGH GRADE ACCESS ROAD.
6. INSTALL STORM IMPROVEMENTS ALONG W/ INLET PROTECTION. (IP)
7. INSTALL INFILTRATION SYSTEMS, PLUG TO PREVENT SEDIMENT WATER FROM ENTERING.
8. CONSTRUCT ACCESS ROAD AND FRONTAGE IMPROVEMENTS.
9. STABILIZE DISTURBED LAND SURFACES.
10. REMOVE PLUG AND PLACE INFILTRATION TRENCHES INTO OPERATION.
11. REMOVE REMAINING T.E.S.C. STRUCTURES AFTER SITE HAS BEEN STABILIZED AND APPROVED BY THE CITY INSPECTOR.
12. CLEAN STORM DRAINAGE SYSTEMS AND PLACE INTO OPERATION.

DATE	REVISION/ISSUED
03/02/05	ISSUED
04/29/05	REVISED PER CITY 1ST REVIEW COMMENTS
05/24/05	MYLAR
12/07/05	AS-BUILT
1/13/06	PER CITY REVIEW/MYLAR

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT
THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE CITY OF ARLINGTON CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRE OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS AND/OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS FILL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

BY: GE FOR PAUL RICHART
CITY ENGINEER
DATE: 09 JUNE 05
THIS APPROVAL VALID FOR 18 MONTHS

LEGEND

EXISTING	DESCRIPTION	PROPOSED
BSBL	BLDG SETBACK LINE (BSBL)	BSBL
	BLOW-OFF (BO)	
	CATCH BASIN (Ty-1)	
	CATCH BASIN (Ty-2)	
	CASE MONUMENT	
	CONCRETE MON	
	CULVERTS (CE=CULV END)	X'-12" SD
	DRAINAGE DITCH/SWALE	
	DRAINAGE FLOW PATTERNS	
	D/W CURBCUT	
	EASEMENTS (ESM'T)	
EDA	EDGE PAVEMENT (EOA)	EDA
	FIRE HYDRANT (FH)	
L/A	LOT LINE (L/A)	L/A
MB	MAILBOXES (MB, CBU)	
P/A	PROPERTY LINE (P/A)	P/A
R/W	RIGHT OF WAY (R/W)	R/W
C/L	ROAD CENTER (CTR) LINE	C/L
S	SANITARY SEWER MANHOLE	
	SECTION CORNER	
	SEWER STUBOUT	
SD	STORM PIPE (SD)	X'-12" SD
	STORM STUBOUT	
PP	UTILITY POLE (PP, UP)	PP
6"W	WATER LINE	X'-8" D.I.P.
WS	WATER SERVICE (WS)	
WV	WATER VALVE (WV)	
WC	WHEEL CHAIR RAMP (WCR)	WC
YD	YARD BASIN (YD)	

TEMPORARY EROSION CONTROL NOTE:
TEMPORARY EROSION CONTROL MEASURES ON THIS PLAN ARE INTENTED AS A GUIDE. ADDITIONAL BMP'S MAY BE REQUIRED FOR THIS DEVELOPMENT AS SITE & WEATHER CONDITIONS CHANGE IN THE FIELD.
THE CONTRACTOR/DEVELOPER SHALL COORDINATE WITH THE SITE INSPECTOR & THE PROJECT ENGINEER AS NEEDED FOR EROSION CONTROL RECOMMENDATIONS.

ABBREVIATIONS TABLE

(A/P)	= ANGLE POINT	(MCSE)	= MIN CRAWL SPACE ELEV.
(BC)	= BOTTOM OF CURB-F/L	(OWS)	= OIL WATER SEPARATER
(BW)	= BOTTOM OF WALL	(PC)	= POINT OF CURVATURE
(BO)	= BLOWOFF	(PI)	= POINT OF INTERSECTION
(BRK)	= BREAK/GRADE BREAK	(PL)	= PROPERTY LINE
(CB)	= CATCH BASIN	(PP)	= POWER/UTILITY POLE
(CBU)	= COLLECTION BOX UNITS	(PT)	= POINT OF TANGENCY
(CE)	= CULVERT END	(PVM'T)	= PAVEMENT
(CL)	= CENTER LINE	(RE)	= RIM ELEVATION
(CO)	= CLEANOUT	(SD)	= STORM DRAIN
(CSBC)	= CR. SURF'G BASE COURSE	(SLL)	= SOLID LOCKING LID
(CSTC)	= CR. SURF'G TOP COURSE	(SS)	= SANITARY SEWER
(CTR)	= CENTER	(SSMH)	= SEWER MANHOLE
(DIP)	= DUCTILE IRON PIPE	(STRCTR)	= STRUCTURE
(DRNG)	= DRAINAGE	(TBR)	= TO BE REMOVED
(EL)	= ELEVATION	(TC)	= TOP OF CURB
(EOA)	= EDGE OF ASPHALT	(TCI)	= THRU CURB INLET
(EOG)	= EDGE OF GRAVEL	(TOB)	= TOP OF BANK
(ESM'T)	= EASEMENT	(TW)	= TOP OF WALL
(EX)	= EXISTING	(Typ)	= TYPICAL
(G/L)	= GUTTER LINE OF CURB	(Ty-X)	= TYPE-CB/MH
(GRT)	= GRATE	(Ty-1)	= TYPE 1 CB
(GRVL)	= GRAVEL	(YD)	= YARD DRAIN
(FH)	= FIRE HYDRANT	(VG)	= VANED GRATE
(FOC)	= FACE OF CURB	(W)	= WATER/WATER MAIN
(IE)	= INVERT ELEVATION	(WCR)	= WHEEL CHAIR RAMP
(INT)	= INTERSECTION	(WM)	= WATER METER
(LL)	= LOT LINE	(WV)	= WATER VALVE
(MB)	= MAILBOX	(1/x Δ)	= 1/parts DELTA

PEAK ENGINEERING INC.
601 DELTA AVENUE, MARYSVILLE, WASHINGTON 98270
(360) 658-6986 / FAX: (360) 658-7826

C. SCOTT STEWART — STATE OF WASHINGTON — 29728 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 07/16/2007
DATE: 11/13/06

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
AS-BUILT INFORMATION PROVIDED BY:
METRON AND ASSOCIATES, INC.
LAND SURVEYS, MAPS & PLANNING
307 N. OLYMPIC, STE 205
ARLINGTON, WASHINGTON 98223
360-435-3777
METRON JOB NO. 03132

APPLICANT/OWNER:
ALAN COTE
4423 188th STREET NE
ARLINGTON, WA 98223
PH: 360-403-8685

SHEET INDEX:

C1) EXISTING CONDITIONS/SWPP PLAN
C2) GRADING & DRAINAGE PLAN
C3) ROAD GRADING, DRAINAGE PROFILES AND NOTES
C4) SANITARY SEWER & WATER PLAN

CITY OF ARLINGTON
AS-BUILT CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT
THIS AS-BUILT PLAN SHEET HAS BEEN REVIEWED AND ACCEPTED AS A RECORD DRAWING. THE LICENSED DESIGN ENGINEER WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET ASSUMES FULL AND COMPLETE RESPONSIBILITY FOR THE ACCURACY THEREIN.
BY: Gene Collins
CITY ENGINEER
DATE: 1/20/06

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555
THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

FILE NO. Z-04-057-SP

ALAN COTE S.P.

EXISTING CONDITIONS/SWPP PLAN

AS-BUILTS

PROJECT NO. 04523

DWG C1 OF 4

SW1/4, SE1/4, SECTION 16, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M., SNOHOMISH COUNTY, WA

PEAK ENGINEERING INC.

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 INCH = 20' FT

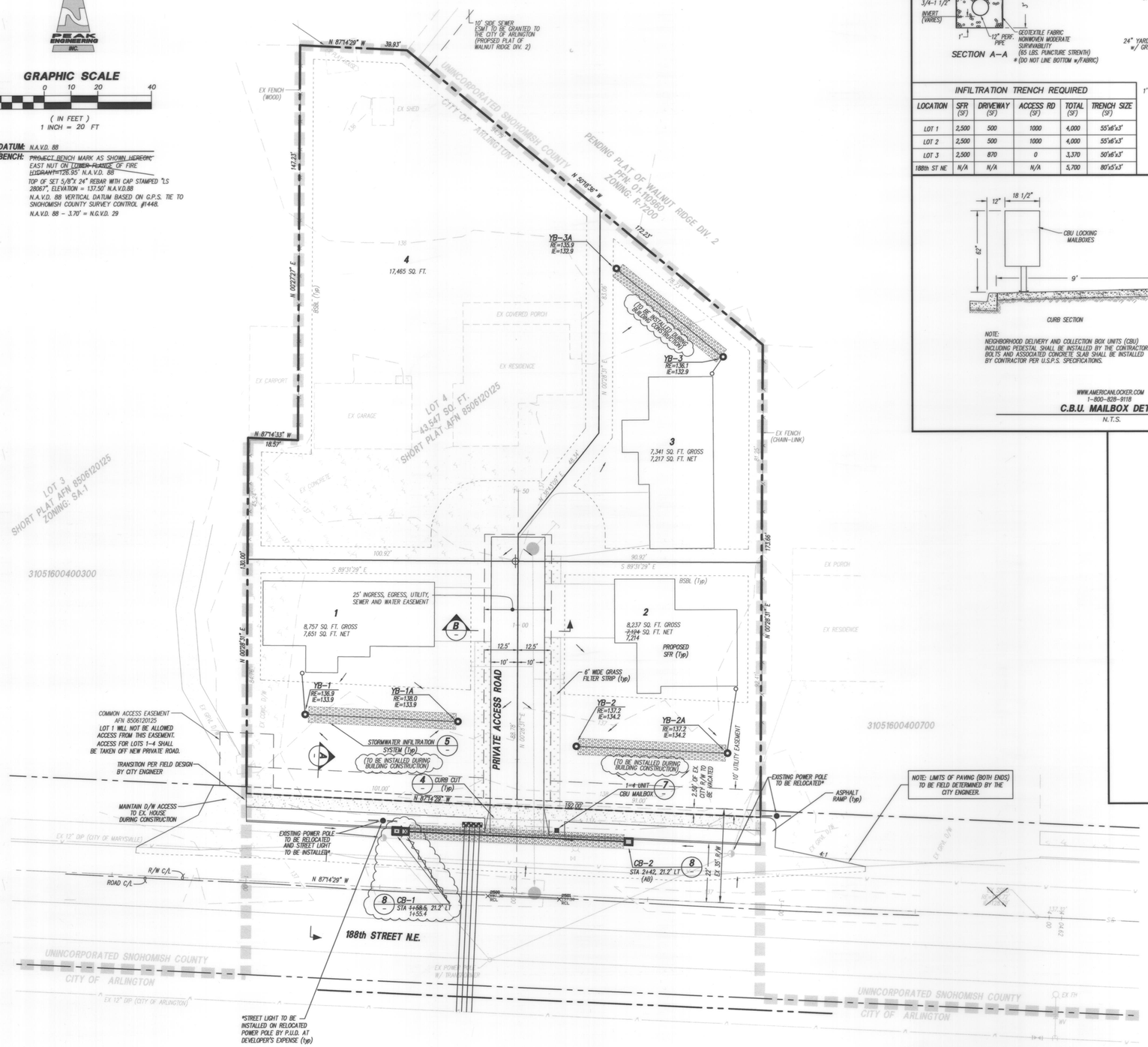
DATUM: N.A.V.D. 88

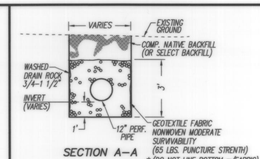
BENCH: ~~PROJECT BENCH MARK AS SHOWN HEREON:~~ EAST NUT ON ~~TOWER RANGE~~ OF FIRE HYDRANT=126.95' N.A.V.D. 88

TOP OF SET 5/8"x 24" REBAR WITH CAP STAMPED "LS 28067", ELEVATION = 137.50' N.A.V.D.88

N.A.V.D. 88 VERTICAL DATUM BASED ON G.P.S. TIE TO SNOHOMISH COUNTY SURVEY CONTROL #1448.

N.A.V.D. 88 - 3.70' = N.G.V.D. 29

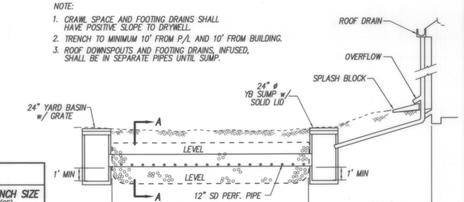




SECTION A-A

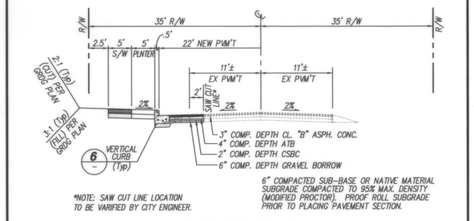
INFILTRATION TRENCH REQUIRED					
LOCATION	SFR (SF)	DRIVEWAY (SF)	ACCESS RD (SF)	TOTAL (SF)	TRENCH SIZE (SF)
LOT 1	2,500	500	1000	4,000	55'x6'x3'
LOT 2	2,500	500	1000	4,000	55'x6'x3'
LOT 3	2,500	870	0	3,370	50'x6'x3'
188th ST NE	N/A	N/A	N/A	5,700	80'x5'x3'

NOTE:
1. CRAWL SPACE AND FOOTING DRAINS SHALL HAVE POSITIVE SLOPE TO DRYWELL.
2. TRENCH TO MINIMUM 10' FROM P/L AND 10' FROM BUILDING.
3. ROOF DOWNSPOUTS AND FOOTING DRAINS, INFUSED, SHALL BE IN SEPARATE PIPES UNTIL SUMP.



LOT INFILTRATION/ SPEADER TRENCH (5)
N.T.S.

SD16



COLLECTOR-DESIGN SPEED 30 MPH (PARKING ONE SIDE ONLY)

188th AVE NE ROAD SECTION (A)
N.T.S.

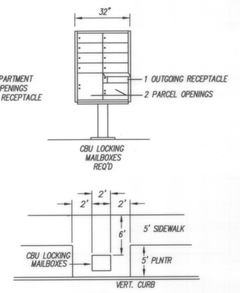
R1

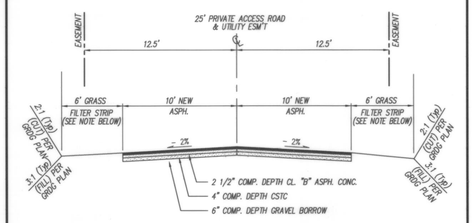
CURB SECTION

NOTE:
NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS (CBU) INCLUDING PEDESTAL SHALL BE INSTALLED BY THE CONTRACTOR. BOLTS AND ASSOCIATED CONCRETE SLAB SHALL BE INSTALLED BY CONTRACTOR PER U.S.P.S. SPECIFICATIONS.

WWW.AMERICANLOCKER.COM
1-800-828-9118

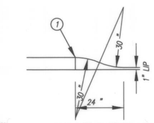
C.B.U. MAILBOX DETAIL (7)
N.T.S.



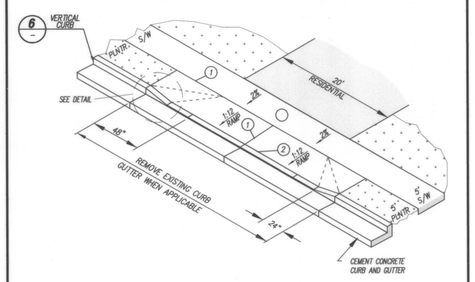


PRIVATE ACCESS ROAD SECTION (B)
N.T.S.

NOTES:
1. FULL DEPTH EXPANSION JOINT, 3/8" MINIMUM THICKNESS.
2. FULL DEPTH EXPANSION JOINT, 3/8" MINIMUM THICKNESS. IF WIDTH OF DRIVEWAY IS 15 FEET OR GREATER.
3. DRIVEWAY IS TO BE SURFACED WITH ASPHALT OR CONCRETE.
4. DRIVEWAY CEMENT CONCRETE THICKNESS SHALL BE A MINIMUM OF 6" THICK AND PLACED ON COMPACTED GRADE.
5. CONCRETE SHALL BE CLASS 3000.
6. CLEAN AND EDGE ALL JOINTS.
7. RAMP TEXTURING 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 PATTERN SHALL BE PERPENDICULAR TO CURB. GROOVES SHALL BE 1/8" DEEP AND 1/4" WIDE.

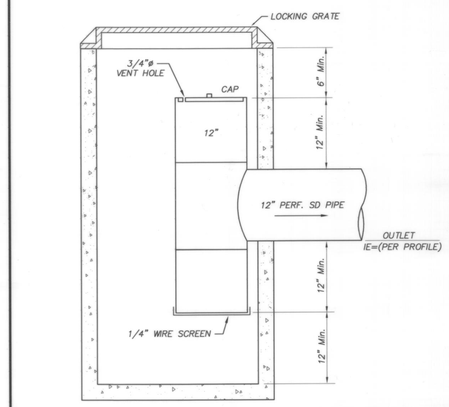


DROP CURB TRANSITION DETAIL



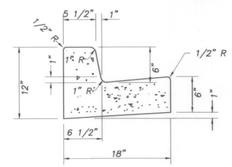
CURB CUT DETAIL (4)
N.T.S.

R8



CB-1 & 2 (Ty-1L) OIL/WATER SEPARATOR DETAIL (8)
N.T.S.

SD8



VERTICAL CURB SECTION (6)
N.T.S.

R4

DRAINAGE NOTES:
1. SEE "CONSTRUCTION DRAINAGE REPORT" PREPARED BY PEAK ENGINEERING, INC., DATED MARCH 3, 2005.
2. RUNOFF IN THE EXISTING CONDITION SHEET FLOWS TO THE NORTH.
3. SOILS ON SITE IS LYNNWOOD LOAMY SAND.
4. EXISTING COVER
   IMPERVIOUS BLDG. & DRWY. AREA: 0.20 AC
   PASTURE GRASS & LAWN: 0.81 AC
5. DEVELOPED CONDITION
   IMPERVIOUS AREA: 0.49 AC
   LAWNS, LANDSCAPING: 0.52 AC
6. RUNOFF FROM ALL IMPERVIOUS AREAS WILL BE DIRECTED TO EITHER ON-LOT INFILTRATION SYSTEMS OR TO THE INFILTRATION TRENCH WITHIN THE 188th ST. NE RIGHT-OF-WAY.

NOTE:
A 6' WIDE GRASS FILTER STRIP WILL ALSO BE INSTALLED ALONG BOTH SIDES OF THE PRIVATE ACCESS ROAD FOR THE TREATING OF THE STORM RUNOFF.

CITY OF ARLINGTON
THIS SHEET HAS BEEN APPROVED PER CONDITIONS ON THE COVER SHEET.

CONSTRUCTION	AS-BUILT ACKNOWLEDGMENT
BY: GE CITY ENGINEER	BY: Gary Cole CITY ENGINEER
DATE: 09 JUNE 05	DATE: 1/20/06

PEAK ENGINEERING INC.
601 DELTA AVENUE, MARYSVILLE, WASHINGTON 98270
(360) 658-6986 / FAX: (360) 658-7826

C. SCOTT STEWART STATE OF WASHINGTON 29726 REGISTERED PROFESSIONAL ENGINEER
EXPIRES 07/16/2007
DATE: 1/13/06

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
AS-BUILT INFORMATION PROVIDED BY:
METRON AND ASSOCIATES, INC.
LAND SURVEYS, MAPS & PLANNING
307 N. OLYMPIC, STE 205
ARLINGTON, WASHINGTON 98223
360-435-3777
METRON JOB NO. 03132

GRADING ESTIMATE
CUT: 350 CY's
FILL: 350 CY's

THE GRADING ESTIMATE PROVIDED FOR THESE PLANS IS APPROXIMATE, ACTUAL GRADING VOLUMES MAY VARY. CALCULATIONS DO NOT ACCOUNT FOR VARIOUS VOLUMETRIC CHANGES DURING THE EARTH WORK PROCESS.

US POSTAL SERVICE
APPROVED FOR MB LOCATION
BY: JOE NORRIS
US POSTMASTER
(ORIGINAL SIGNATURE IN FILE)
DATE: 3/7/05

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

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1/13/06	PER CITY REVIEW/MYLAR

FILE NO. Z-04-057-SP

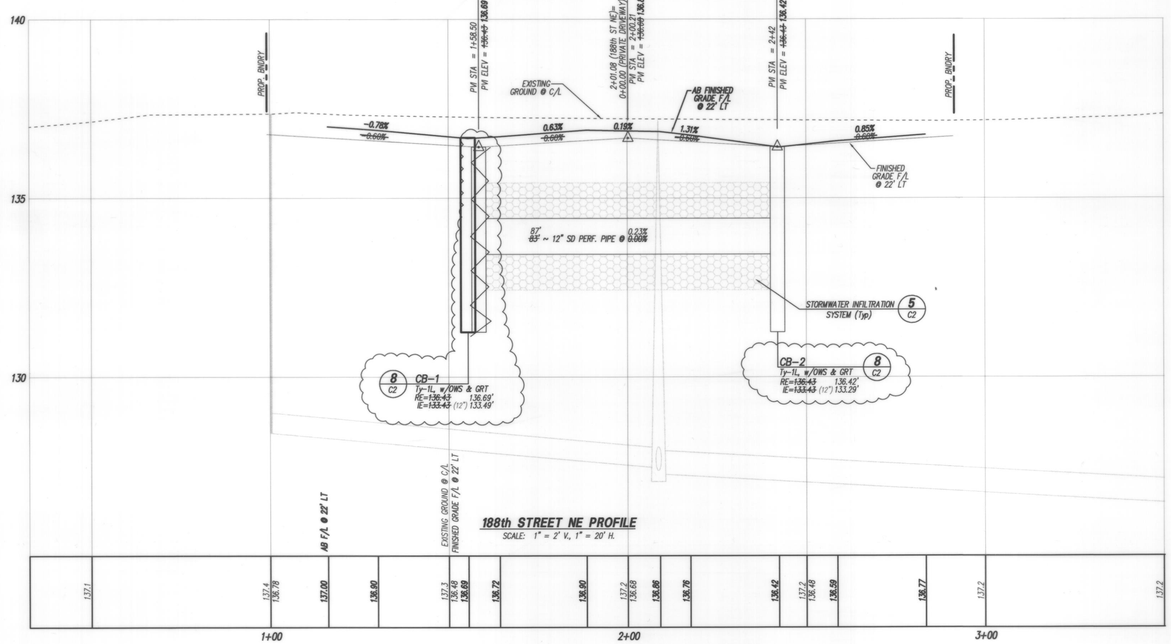
ALAN COTE S.P.

GRADING & DRAINAGE PLAN

AS-BUILTS

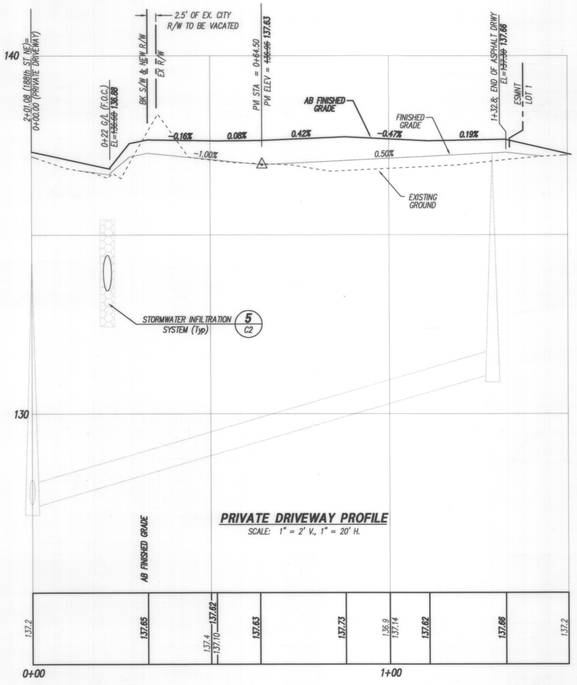
PROJECT NO. 04523

DWG C2 OF 4



188th STREET NE PROFILE

SCALE: 1" = 2' V., 1" = 20' H.



PRIVATE DRIVEWAY PROFILE

SCALE: 1" = 2' V., 1" = 20' H.

GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (CURRENT EDITION) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND THE 1992 DOE STORMWATER MANUAL. THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS SHALL PREVAIL IF THERE ARE ANY CONFLICTS BETWEEN STANDARDS.
2. ALL WORK WITHIN THE PLAT AND CITY RIGHT-OF-WAY SHALL BE SUBJECT TO THE INSPECTION OF THE CITY INSPECTOR OR HIS DESIGNATED REPRESENTATIVE. THE INSPECTION OF THE CONTRACTOR WILL OBTAIN A RIGHT-OF-WAY PERMIT.
3. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CITY TO SCHEDULE A PRECONSTRUCTION CONFERENCE (CONTACT LAURA BROWN @ 360-403-3500). FIELD CHANGES CHANGES REQUIRE REDESIGN SHALL BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION. AS-BUILTS SHALL BE REQUIRED PRIOR TO SITE APPROVAL.
4. SEDIMENT LADEN WATERS SHALL NOT ENTER THE DRAINAGE INFILTRATION SYSTEM.
5. TRENCH BACKFILL OF NEW UTILITIES AND STORM DRAINAGE FACILITIES SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (MODIFIED PROCTOR) UNDER ROADWAYS AND 90% MAXIMUM DENSITY (MODIFIED PROCTOR) OFF ROADWAYS, AS SPECIFIED IN SECTION 2-03.3(14)C COMPACTING EARTH EMBANKMENTS METHOD B.
6. 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.
7. THE CONTRACTOR SHALL NOTIFY PEAK ENGINEERING INC. AND THE CITY INSPECTOR WHEN CONFLICTS BETWEEN THE PLANS AND FIELD CONDITIONS EXIST PRIOR TO CONSTRUCTION AND SAID CONFLICTS SHALL BE RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION.
8. THE CONTRACTOR SHALL KEEP TWO SETS OF APPROVED PLANS ON SITE AT ALL TIMES FOR RECORDING AS-BUILT INFORMATION; ONE SET SHALL BE SUBMITTED TO PEAK ENGINEERING INC. AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK. CONTRACTOR SHALL HAVE A COMPLETE COPY OF CITY OF ARLINGTON STANDARD PLANS AND SPECIFICATIONS ONSITE AT ALL TIMES.
9. LOT LINES SHOWN HEREON ARE APPROXIMATE, ACTUAL PLATTED DIMENSIONS AND/OR DEEDED LOCATIONS SHALL TAKE PRECEDENCE.

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

1. NONCOMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL AND BOND FORECLOSURES.
2. 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 PHONE NUMBER ARE METRON AND ASSOCIATES, INC. AT (360) 435-3777.
3. THE TEMPORARY EROSION/SEDIMENTATION CONTROL FACILITIES 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 POTENTIAL FOR ON-SITE EROSION HAS PASSED. SEDIMENT LADEN WATERS SHALL NOT ENTER THE NATURAL DRAINAGE SYSTEM, OR INFILTRATION SYSTEM.
4. ALL SITE WORK MUST COMPLY TO CHAPTER 33 OF THE UNIFORM BUILDING CODE. (LATEST EDITION).
5. ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS.
6. 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 CITY OF ARLINGTON STANDARDS AND TO BE DESIGNED AND CERTIFIED BY A CIVIL ENGINEER EXPERIENCED IN SOILS MECHANICS.
7. STOCKPILES ARE TO BE LOCATED SUCH THAT SEDIMENT WILL NOT LEAVE SITE. TEMPORARY COVER (BMP's) SHALL CONSIST OF HYDROSEEDING, MULCHING, OR COVERING DISTURBED AREAS AND STOCK PILES WITH PLASTIC SHEETING. TEMPORARY COVER IS TO BE APPLIED WITHIN 2 DAYS BETWEEN OCT. 15 AND MAY 15, AND ALL OTHER TIMES WITHIN 7 DAYS.
8. ALL STRUCTURAL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY BY MODIFIED PROCTOR TEST.
9. A GEOTECHNICAL CONSULTANT SHALL PROVIDE TESTING OF ALL FILLS. SAID CONSULTANT SHALL CERTIFY THAT ALL GRADING ACTIVITIES WERE DONE UNDER HIS/HER DIRECTION.
10. 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 WORKING DAY.
11. EARTH QUANTITIES (CUTS & FILLS) SHOWN ON PLANS ARE ESTIMATES ONLY AND ARE NOT ADJUSTED FOR EXPANSION OR COMPACTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ACTUAL QUANTITIES AS REQUIRED.
12. AREAS TO RECEIVE FILL SHALL BE PREPARED BY REMOVING UNSUITABLE MATERIAL SUCH AS CONCRETE SLABS, TREE STUMPS, BRUSH, AND TRASH.
13. FILL MATERIALS SHALL BE AS SPECIFIED IN GENERAL NOTE 1., UNLESS SHOWN OTHERWISE ON PLANS.

NOTE:
AT THE TIME OF CONSTRUCTION, SOIL LOGS AT THE LOCATION OF THE PROPOSED INFILTRATION TRENCHES SHALL BE PROVIDED PER DOE AND SHOULD THE LOGS FIND SOIL CONDITIONS DIFFERENT THAN THOSE ASSUMED DURING THE DESIGN, THE SYSTEM MAY HAVE TO BE REDESIGNED TO MATCH FIELD CONDITIONS.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

1. 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 IN THE PLAN. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. AGGREGATE: 4" TO 8" CRUSHED BALLAST ROCK.
3. ENTRANCE DIMENSIONS: THE AGGREGATE LAYER MUST BE AT LEAST 12 INCHES THICK. IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF THE ENTRANCE MUST BE AT LEAST 100 FEET.
4. WASHING: IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM VEHICLE TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER THE PUBLIC ROAD. WASH WATER MUST BE CARRIED AWAY FROM ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.
5. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

MAINTENANCE OF SILTATION BARRIERS

1. 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 BARRIERS, END RUNS AND UNDERCUTTING BENEATH BARRIERS. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS 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 BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

STORM DRAINAGE NOTES

1. UNLESS OTHERWISE NOTED, ALL STORM SEWER PIPE SHALL BE SMOOTH WALLED STORM DRAIN (SD). SD SHALL BE REINFORCED CONCRETE PIPE (RCP), CORRUGATED POLYETHYLENE PIPE (CPP) POLYETHYLNE VINYL CHLORIDE PIPE (PVC), OR RIBBED PVC. CPP SHALL BE HIGH DENSITY CORRUGATED POLYTHYLENE SMOOTH INTERIOR PIPE AND SHALL BE MANUFACTURED IN CONFORMITY WITH THE LATEST AASHTO SPECIFICATIONS FOR M294 TYPE S AND THE MATERIAL COMPOUND SHALL CONFORM TO ASTM D 3350. PIPE JOINTS AND FITTINGS SHALL CONFORM TO AASHTO M294. COUPLINGS SHALL BE INTEGRAL BELL AND SPIGOT OR DOUBLE BELL SEPARATE COUPLINGS. SPLIT COUPLINGS WILL NOT BE ALLOWED. POLYETHYLENE VINYL CHLORIDE PIPE (PVC) SHALL CONFORM TO SDR35, ASTM D3034. RIBBED PVC SHALL COMPLY WITH ASTM F794 AND BE MADE FROM PVC CONFORMING TO THE REQUIREMENTS OF ASTM D1764, CELL CLASS 12364B. GASGET MATERIAL SHALL CONFORM WITH ASTM F477 & THE JOINT SHALL BE AN INTEGRAL-BELL GASKETED JOINT CONFORMING WITH ASTM D3212. CORRUGATED METAL PIPE (CMP) IS TO BE GALVANIZED STEEL WITH TREATMENT 1 ASPHALT COATING OR BETTER, OR CORRUGATED ALUMINUM PIPE, OR AASHTO M274-70 ALUMINZED STEEL.

   MINIMUM COVERAGE REQUIREMENTS FOR 12" PIPE IN TRAFFIC AREAS

   <12" REQUIRES DUCTILE IRON PIPE MINIMUM
   <24" REQUIRES RCP (REINFORCED CONCRETE PIPE) MINIMUM, DI OR C-900
   >24" REQUIRES PVC, PVC RIB PIPE, OR HDPE MINIMUM
2. ALL PIPE SHALL BE PLACED ON STABLE EARTH, OR IF IN THE OPINION OF THE CITY INSPECTOR, THE EXISTING FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH A GRAVEL MATERIAL TO SUPPORT THE PIPE.
3. 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 9", 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 2-03.2(14)C, METHOD B&C.

PERMANENT COVER BMP (HYDROSEEDING GENERAL NOTES)

1. CONSTRUCTION ACCEPTANCE: WILL BE SUBJECT TO A WELL ESTABLISHED GROUND COVER THAT FULFILLS THE REQUIREMENT OF THE APPROVED CONSTRUCTION PLANS AND CITY STANDARDS.
2. ALL DISTURBED AREAS SUCH AS ROADWAY BACK-SLOPES, ETC. SHALL BE SEEDED WITH A PERENNIAL GROUND COVER GRASS TO MINIMIZE EROSION. GRASS SEEDING WILL BE DONE USING AN APPROVED HYDROSEEDER OR AS OTHERWISE APPROVED BY CITY.
3. PREPARATION OF SURFACE: ALL AREAS TO BE SEEDED SHALL BE CULTIVATED TO THE SATISFACTION OF THE CITY INSPECTOR. THIS MAY BE ACCOMPLISHED BY DISCING, RAKING, HARROWING OR OTHER ACCEPTABLE MEANS.
4. IMMEDIATELY FOLLOWING FINISH GRADING, PERMANENT VEGETATION (CONSISTING OF RAPID, PERSISTENT AND LEGUME) WILL BE APPPLIED. (MINIMUM 80# PER ACRE). THIS IS TO INCLUDE THE FOLLOWING: 20% ANNUAL, PERENNIAL OR HYBRID RYE GRASS, 40% CREEPING RED FESCUE, 40% WHITE CLOVER. HYDROSEED REQUIRED.
5. FERTILIZER: SHALL BE APPLIED AT 400# PER ACRE OF 10-20-20 (10 lb. PER 1,100 SQUARE FEET) OR EQUIVALENT.

NOTE:
ALL TRENCH EXCAVATION WITHIN THE EXISTING STREETS SHALL BE BACKFILLED WITH C.D.F.

NOTE:
SOME REVISIONS TO THE CURRENT STANDARD DETAILS AVAILABLE FROM EARL ANDERSON AT 360-754-7486.

SEWER SYSTEM NOTES:

1. PVC PIPE AND FITTINGS SHALL BE INTEGRAL WALL BELL AND SPIGOT. RUBBER GASKET JOINT, PVC CONFORMING TO ASTM 3034 SDR 35.
2. ALL PVC SEWER PIPE AND FITTINGS MANUFACTURE AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE ASTM RECOMMENDED SPECIFICATIONS D3034-73, CURRENT REVISION, AND ALL INSTALLATION SHALL BE 1 STRICT COMPLIANCE WITH THE MANUFACTURE'S DIRECTIONS. ALL PIPE SHALL BE CLEARLY MARKED WITH THE DATE OF MANUFACTURE. THERE SHALL BE NO REDUCTION IN PIPE WALL THICKNESS AT THE BELL AS A RESULT OF BELL FORMATION. ALL PIPE SHALL BE PROVIDED WITH A REFERENCE MARK FOR PROPER SPIGOT INSERTION. JOINT GASKETS SHALL BE FABRICATED FROM A COMPOUND OF WHICH THE BASIC POLYMER SHALL BE A SYNTHETIC RUBBER CONSISTING OF STYRENE, BUTADENE, PO,ISOPRENE, OR ANY COMBINATION THEREOF AND SHALL MEET THE REQUIREMENTS OF ASTM F477, LATEST REVISIONS.
3. CONNECTIONS FOR SIDE SEWER STUBS SHALL BE 6 INCHES INSIDE DIAMETER TEE FITTINGS FABRICATED IN THE MANUFACTURER'S PLANT. WYE BRANCHES SHALL BE USED WHERE THE SEWER MAIN SIZE IS LESS THEN 8" INSIDE DIAMETER. NO FIELD CUT-IN TEES OR WYES WILL BE ALLOWED UNDER THESE SPECIFICATIONS WITHOUT WRITTEN APPROVAL BY THE CITY.
4. MANHOLES SHALL BE OF THE OFFSET TYPE AND SHALL BE PRECAST CONCRETE SECTIONS WITH EITHER A CAST IN PLACE BASE OR A PRECAST BASE MADE FROM A 3,000 PSI STRUCTURAL CONCRETE. JOINTS BETWEEN PRECAST WALL SECTIONS SHALL BE CONFINED O RING OR AS OTHERWISE SPECIFIED. THEY SHALL BE CONSTRUCTED IN FULL COMPLIANCE WITH ASTM C478 AND THE DETAILS SHOWN ON STANDARD SPECIFICATIONS PRECAST MANHOLE AND AS FURTHER SPECIFIED HEREIN.
5. MANHOLE SECTIONS SHALL BE PLACED AND ALIGNED SO AS TO PROVIDE VERTICAL SIDES AND VERTICAL ALIGNMENT OF THE LADDER STEPS. THE COMPLETED MANHOLE SHALL BE RIGID, TRUE TO DIMENSION AND BE WATERTIGHT. ROUGH UNEVEN SURFACES WILL NOT BE PERMITTED.
6. WHERE WORK IS LOCATED IN PUBLIC RIGHT-OF-WAY, NOT LESS THAN 14 INCHES NOR MORE THAN 26 INCHES SHALL BE PROVIDED BETWEEN THE TOP OF THE CONE OR SLAB AND THE TOP OF THE MANHOLE FRAME.
7. CHANNELS SHALL BE MADE TO CONFORM ACCURATELY TO THE SEWER GRADE AND SHALL BE BROUGHT TOGETHER SMOOTHLY WITH WELL-ROUNDED JUNCTIONS, SATISFACTORY TO THE CITY ENGINEER.
8. THE CHANNELS SHALL BE FIELD POURED AFTER THE INLET AND OUTLET PIPES HAVE BEEN LAID AND FIRMLY GROUTED INTO PLACE AT THE PROPER ELEVATION. ALLOWANCES SHALL BE MADE FOR MINIMUM OF 1/10 FOOT (0.1') DROP IN ELEVATION ACROSS THE MANHOLE IN THE DIRECTION OF FLOW.
9. BACKFILLING AND SURFACE RESTORATION SHALL CLOSELY FOLLOW INSTALLATION AND TESTING OF THE PIPE SO THAT NO MORE THAN 100 FEET OF PIPE IS LEFT EXPOSED WITH EXPRESS APPROVAL OF THE ENGINEER. CARE SHALL BE TAKEN TO INSURE THAT THE PIPE AND ITS PROTECTIVE COATINGS ARE NOT DAMAGED. NO ROCKS OR STONE SHALL BE PERMITTED WITHIN 12" OF THE PIPE.
10. WHEN REQUIRED IN AREAS OF UNSUITABLE TRENCH BOTTOM, FOUNDATION GRAVEL SHALL CONSIST OF CLEAN, GRANULAR MATERIAL FREE FROM OBJECTIONABLE MATERIALS SUCH AS VEGETABLE MATTER OR OTHER DELETERIOUS SUBSTANCES WITH AT LEAST 90 PERCENT COARSE MATERIAL RANGING FROM 1" IN DIAMETER TO 3" IN DIAMETER AND 100% 3" IN DIAMETER OR LESS.
11. 3/8" CLEAN MANUFACTURED PEA GRAVEL BEDDING SHALL BE REQUIRED.
12. BEDDING MATERIAL SHALL BE CAREFULLY PLACED AND FIRMLY COMPACTED TO PROVIDE A FIRM, UNIFORM CRADLE FOR THE PIPE. THE MINIMUM THICKNESS OF THE LAYER OF BEDDING MATERIAL REQUIRED SHALL BE 4 INCHES UNDER THE BELL FOR ALL PIPE SIZES OF 27 INCHES DIAMETER AND SMALLER, 6 INCHES FOR ALL PIPE SIZES 30 INCHES DIAMETER AND LARGER AND 6 INCHES UNDER THE BELL OF THE PIPE FOR ALL DIAMETER PIPES WHERE ROCK IS EXCAVATED. TO PROVIDE THIS FIRM, CONTINUOUS SUPPORT FOR THE PIPE, IT IS NECESSARY TO HAND TAMP OR "SLICE" BEDDING MATERIAL SOLIDLY UNDER THE PIPE.
13. AFTER THE PIPE LAYING OPERATION, ADDITIONAL BEDDING MATERIAL SHALL BE PLACED AND COMPACTED BY HAND TOLLS FOR THE FULL WIDTH OF THE TRENCH TO A HEIGHT OF 12" ABOVE THE TOP OF THE SEWER MAIN AND 6" ABOVE THE TOP OF THE WATER MAIN.
14. IT IS ASSUMED THAT EXCAVATED MATERIAL IS SUITABLE FOR TRENCH BACKFILL. WHERE EXCAVATED MATERIAL IS NOT APPROVED FOR BACKFILL, GRAVEL BASE, CLASS "B", CONFORMING TO THE REQUIREMENTS OF SECTION 9-03.10 OF THE STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, OR GRANULAR MATERIAL COMMONLY KNOWN AS BANK RUN GRAVEL, SHALL BE USED AS DIRECTED BY THE ENGINEER.
15. ALL JOINTS SHALL BE MADE UP IN STRICT COMPLIANCE WITH THE MANUFACTURER'S DIRECTIONS AND ALL SEWER PIPE MANUFACTURE AND HANDLING SHALL MEET OR EXCEED THE ASTM AND CPAW RECOMMENDED SPECIFICATIONS, CURRENT REVISIONS.
16. FURTHER, ALL 8" OR LARGER PVC PIPE LAID SHALL BE DEFLECTION TESTED IN ACCORDANCE WITH SECTION 7-17-3 OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, FOR ACCEPTANCE, PVC PIPE SHALL NOT HAVE ANY DIAMETER DECREASED BY 5 PER CENT OR MORE.
17. THE SEWER PIPE, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER, SHALL BE INSTALLED UPGRADE FROM POINT OF CONNECTION ON THE EXISTING SEWER OR FROM A DESIGNATED STARTING POINT TO LINE AND GRADE PER APPROVED PLANS. THE SEWER PIPE SHALL BE INSTALLED WITH THE BELL END FORWARD OR UPGRADE. WHEN PIPE LAYING IS NOT IN PROGRESS, THE FORWARD END OF THE PIPE SHALL BE KEPT TIGHTLY CLOSED WITH AN APPROVED TEMPORARY PLUG. WHEREVER MOVABLE SHORING (STEEL BOX) IS USED IN THE DITCH. CARE SHALL BE TAKEN SO THAT THE PIPE AND/OR JOINTS DO NOT MOVE WHEN THE SHORING OR BOX IS MOVED. ANY INDICATION THAT JOINTS ARE NOT BEING ADEQUATELY HELD SHALL BE SUFFICIENT REASON FOR THE CITY ENGINEER TO REQUIRE RESTRAINTS, WHETHER OR NOT MOVABLE SHORING IS BEING USED.
18. AT THE TIME OF BUILDING PERMIT INDIVIDUAL LOT OWNERS MAY BE REQUIRED TO INSTALL MONITORING MANHOLES AS REQUIRED BY THE CITY.
19. ALL MANHOLE STRUCTURES SHALL BE INSPECTED AND SIGNED OFF PRIOR TO BACKFILL BEING ADDED TO THE EXCAVATION.
20. ACCESS SHALL BE PROVIDED TO THE CONSTRUCTION SITE AT ALL TIMES FOR INSPECTION PURPOSES.
21. SEWER TRACER TAPE REQUIRED OVER ALL SEWER PIPE INSTALLATION.
22. INSTALL SIDE SEWER STUBS TO ONE SIDE OR THE OTHER OF CEMENT/ASPHALT DRIVEWAYS WHEN POSSIBLE.
23. SIDE SEWERS ARE TO BE CAPPED AND MARKED BY A 2"x4" MARKED 5/S. THE STUB MAKER MUST INCLUDE LOT NUMBER AND DEPTH OF STUB INVERT. (SEE SERVICE CONNECTION DETAIL, S-8).
24. SEWER BACKFILL WITHIN THE CITY RIGHT OF WAY TO BE COMPACTED TO 95% WITH TESTING RESULTS TO THE CITY OR CDF BACKFILL REQUIRED.
25. ALL SANITARY SEWER MANHOLES OUTSIDE OF PAVED OR CONCRETE AREAS MUST HAVE A 6'x6' REINFORCED CONCRETE PAD SET TO FINISH GRADE.
26. SANITARY SEWER MARKER POSTS ARE REQUIRED TO HAVE A 12-18 GAGE WIRE TO THE STUB.
27. ALL SANITARY SIDE SEWERS ARE TO BE DIMENSION FROM THE NEAREST DOWNSTREAM MANHOLE RATHER THAN THE INVERT OF THE PIPE.
28. WYES ARE NOT ALLOWED ON LINES 8" AND LARGER, TEES ARE REQUIRED.
29. SIDE SEWERS STUBS MUST EXTEND A MINIMUM OF 10' BEYOND THE PROPERTY LINE AND A MINIMUM OF 5' BEYOND THE UTILITY EASEMENT.

GENERAL NOTES FOR WATER SYSTEM

1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH CITY OF ARLINGTON STANDARDS AND THE MOST CURRENT COPY OF THE STATE OF WASHINGTON / APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
2. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CITY PRIOR TO THE START OF CONSTRUCTION. CALL 360-403-3500 TO SCHEDULE MEETING.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE OR HAVE LOCATED BY THE APPROPRIATE COMPANIES ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL CALL UTILITY UNDERGROUND LOCATE 1-800-424-5555 48-HOURS PRIOR TO CONSTRUCTION AND NOTIFY THE CITY UTILITIES DEPARTMENT.
4. ALL LINES SHALL BE DISINFECTED, FLUSHED AND PRESSURE TESTED IN CONFORMANCE WITH WSDOT/APWA STANDARDS AND SPECIFICATIONS. ALL PIPE SHALL BE TESTED AT 240 PSI. THE CONTRACTOR SHALL FURNISH ALL TEMPORARY PLUGS, TESTING DEVICES, ETC. THE CITY SHALL BE PRESENT FOR ALL TESTING. THE CITY WILL TAKE PURITY TESTS AND CONNECTION WILL BE AUTHORIZED FOLLOWING PASSING OF THE TESTS.
5. THE CONTRACTOR SHALL NOT OPERATE ANY VALVE OR PART OF THE CITY WATER SYSTEM WITHOUT NOTIFICATION AND SPECIFIC SUPERVISION OF THE CITY UTILITY DEPARTMENT. THE CONTRACTOR SHALL MAKE ALL CONNECTIONS TO THE SYSTEM REQUIRED AFTER MAKING ARRANGEMENTS WITH THE CITY IN ADVANCE.

GENERAL NOTES FOR WATER SYSTEM CONT.

6. INSTALLATION OF PIPE, FITTINGS AND VALVES, HYDRANTS AND APPURTENANCES SHALL CONFORM TO WSDOT/APWA STANDARD SPECIFICATIONS AND THE CURRENT EDITION OF THE CITY OF ARLINGTON PUBLIC WORKS CONSTRUCTION STANDARDS AND SPECIFICATIONS. COVER SHALL BE 36 TO 60 INCHES OVER THE TOP OF PIPE UNLESS OTHERWISE NOTED ON PLANS.
7. PIPE BEDDING FOR WATER PIPE:
   IT IS ANTICIPATED THAT NATIVE MATERIAL WILL BE SUITABLE FOR PIPE BEDDING. ACTUAL DETERMINATION OF SUITABILITY WILL BE DETERMINED BY THE CITY DURING CONSTRUCTION BASED ON OBSERVATION OF THE NATIVE MATERIAL. IF THE NATIVE MATERIAL IS JUDGED UNSUITABLE FOR PIPE BEDDING, IMPORTED PIPE BEDDING GRAVEL SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR. SEE SANITARY SEWER MATERIAL SPECIFICATION NO. 4. BEDDING SHALL BE LIMITED TO THE MAXIMUM AS SHOWN ON THE RIGID PIPE TYPICAL TRENCH DETAIL.
8. SERVICES, BLOW-OFFS AND MISCELLANEOUS DETAILS SHALL BE AS SHOWN IN THE CITY OF ARLINGTON PUBLIC WORKS CONSTRUCTION STANDARDS AND SPECIFICATIONS SECTION 2 - WATER.

CITY OF ARLINGTON
THIS SHEET HAS BEEN APPROVED PER CONDITIONS ON THE COVER SHEET.

CONSTRUCTION	AS-BUILT ACKNOWLEDGMENT
BY: GE FOR PAUL RICHART, CITY ENGINEER	BY: [signature], CITY ENGINEER
DATE: 09 JUNE 05	DATE: 1/20/06

PEAK ENGINEERING INC.
601 DELTA AVENUE, MARYSVILLE, WASHINGTON 98270
(360) 658-6986 / FAX: (360) 658-7826

C. SCOTT STEWART, STATE OF WASHINGTON, 29726, REGISTERED PROFESSIONAL ENGINEER
EXPIRES 07/16/2007
DATE: 11/3/06

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
AS-BUILT INFORMATION PROVIDED BY:
METRON AND ASSOCIATES, INC.
LAND SURVEYS, MAPS & PLANNING
307 N. OLYMPIC, STE 205
ARLINGTON, WASHINGTON 98223
360-435-3777
METRON JOB NO. 03132

DATUM: N.A.V.D. 88
BENCH: ~~PROJECT BENCH MARK AS SHOWN HEREON: EAST NUT ON TOWER FLANGE OF FIRE HYDRANT EL=135.95' N.A.V.D. 88~~
TOP OF SET 5/8"X 24" REBAR WITH CAP STAMPED "LS 28067", ELEVATION = 137.50' N.A.V.D.88
N.A.V.D. 88 VERTICAL DATUM BASED ON G.P.S. TIE TO SNOHOMISH COUNTY SURVEY CONTROL #1448.
N.A.V.D. 88 - 3.70' = N.G.V.D. 29

DATE	REVISION/ISSUED
03/02/05	ISSUED
04/29/05	REVISED PER CITY 1ST REVIEW COMMENTS
05/23/05	MYLAR
12/07/05	AS-BUILT
1/13/06	PER CITY REVIEW/MYLAR

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555
THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

FILE NO. Z-04-057-SP

ALAN COTE S.P.

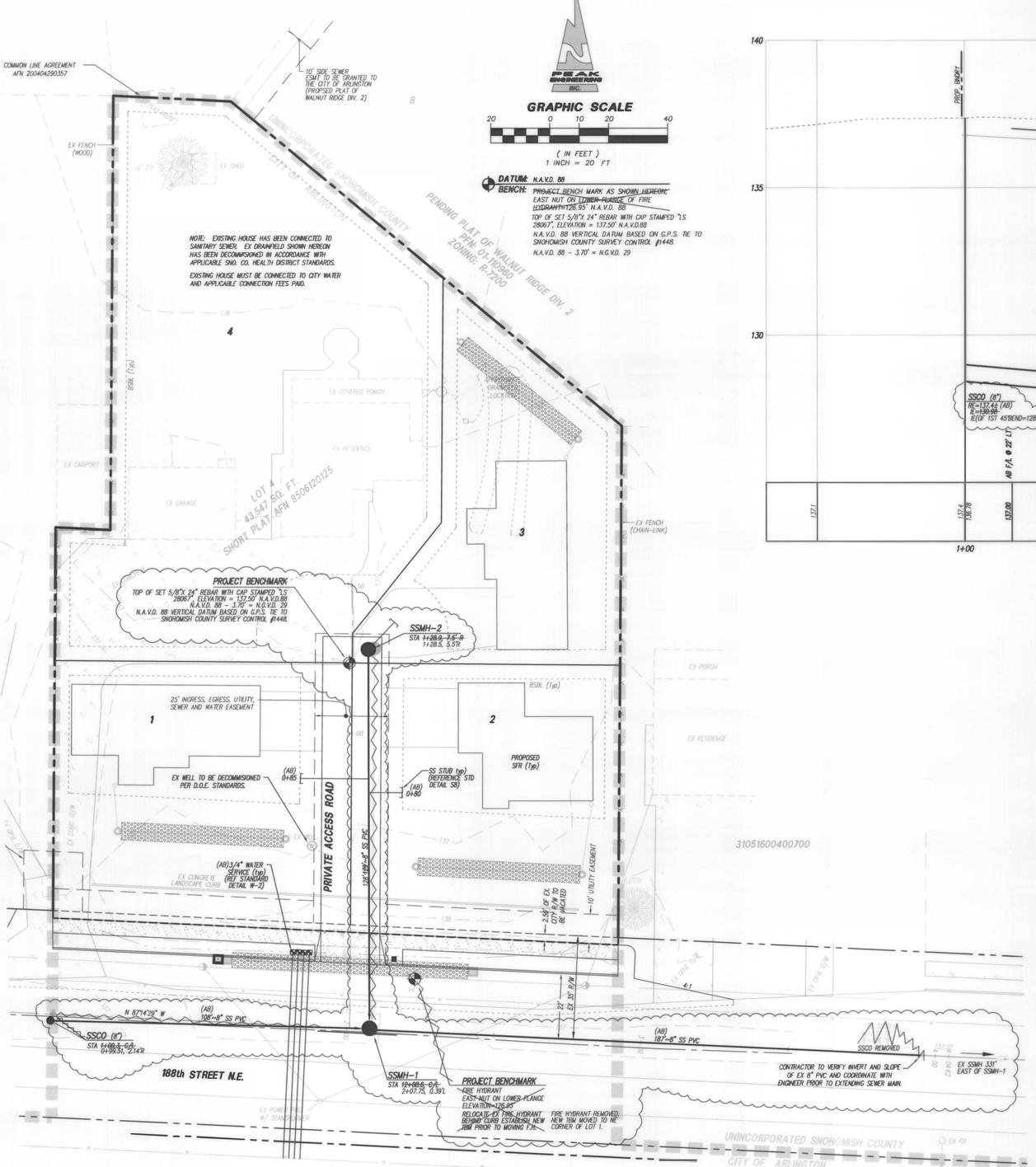
ROAD GRADING, DRAINAGE PROFILES AND NOTES

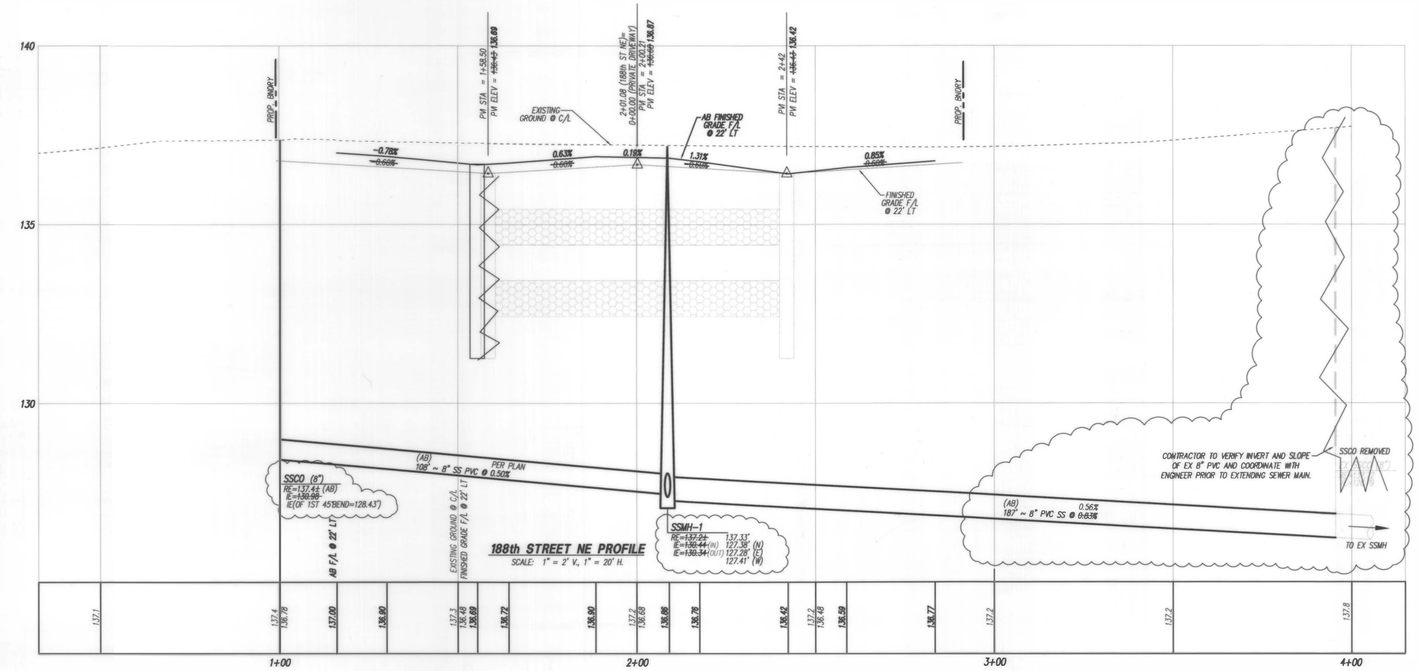
AS-BUILTS

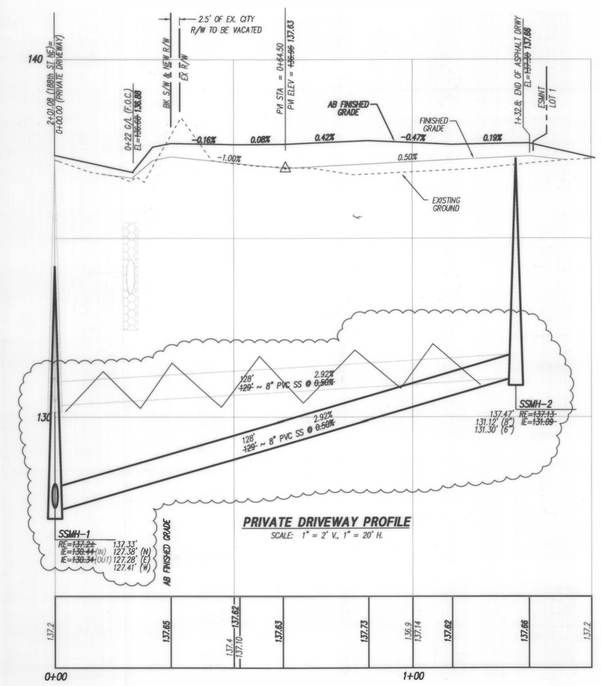
PROJECT NO. 04523

DWG C3 OF 4

SW1/4, SE1/4, SECTION 16, TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M., SNOHOMISH COUNTY, WA







CITY OF ARLINGTON
THIS SHEET HAS BEEN APPROVED PER CONDITIONS ON THE COVER SHEET.

CONSTRUCTION	AS-BUILT ACKNOWLEDGMENT
BY: GE FOR PAUL RICHART, CITY ENGINEER	BY: [signature], CITY ENGINEER
DATE: 09 JUNE 05	DATE: 1/20/06

PEAK ENGINEERING INC.
601 DELTA AVENUE, MARYSVILLE, WASHINGTON 98270
(360) 658-6986 / FAX: (360) 658-7826

C. SCOTT STEWART, STATE OF WASHINGTON, 29726, REGISTERED PROFESSIONAL ENGINEER
EXPIRES 07/16/2007
DATE: 1/13/06

SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:
AS-BUILT INFORMATION PROVIDED BY:
METRON AND ASSOCIATES, INC.
LAND SURVEYTS, MAPS & PLANNING
307 N. OLYMPIC, STE 208
ARLINGTON, WASHINGTON 98223
360-435-3777
METRON JOB NO. 03132

DATE	REVISION/ISSUED
03/02/05	ISSUED
04/29/05	REVISED PER CITY REVIEW COMMENTS
05/23/05	MYLAR
12/07/05	AS-BUILT
1/13/06	PER CITY REVIEW/MYLAR

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555
THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

FILE NO. Z-04-057-SP

ALAN COTE S.P.

SANITARY SEWER & WATER PLAN

AS-BUILTS

PROJECT NO. 04523

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