

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

2. FLAG PROPERTY LINES AND CLEARING LIMITS AS INDICATED ON CLEARING, AND T.E.S.C. PLAN.

3. INSTALL SILT FENCE AND CONSTRUCTION ENTRANCE PER PLAN.

4. CLEAR & GRUB ROAD AREA, LEAVING AS MUCH OF GROUND COVER AS POSSIBLE.

5. ROUGH GRADE ROADS.

6. INSTALL SEWER.

7. INSTALL STORM AND WATER IMPROVEMENTS.

8. INSTALL UTILITY CROSSINGS (POWER, PHONE, CABLE TV, GAS, ETC.

9. INSTALL CURB, GUTTER AND SIDEWALK. PAVE.

10. HYDROSEED DISTURBED LAND SURFACES.

11. REMOVE REMAINING T.E.S.C. STRUCTURES AFTER SITE HAS BEEN STABILIZED AND APPROVED BY THE CITY INSPECTOR.

12. CLEAN STORM DRAINAGE SYSTEM/INFILTRATION SYSTEM AND PLACE INTO OPERATION.

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION. AGENCIES INVOLVED SHALL BE NOTIFIED WITHIN A REASONABLE TIME PRIOR TO THE START OF CONSTRUCTION.

#2. EXISTING WELL TO BE ABANDONED. WORK TO BE DONE BY A CERTIFIED WELL DRILLER IN ACCORDANCE WITH WAC 173-160-381 (ABANDONMENT OF WELLS).

3. LESS THAN 2 FEET OF VERTICAL DIFFERENCE IN THE PROJECT SITE. NO CONTOUR LINES ARE SHOWN.

4. ALL PIPES DISCHARGING INTO THE INFILTRATION SYSTEM SHALL BE PLUGGED UNTIL ROAD HAS BEEN PAVED AND SIDEWALKS INSTALLED.

EROSION CONTROL CONCEPTS:

1. CLEAR EXISTING TREES AND BRUSH LEAVING GROUND COVER (GRASS, ETC.) WHERE POSSIBLE, OUTSIDE OF ROAD, UTILITY AND STRUCTURAL FILL AREAS.

2. PROVIDE TEMPORARY BMP'S FOR EXPOSED AREAS (STOCKPILES, GRADED AREAS, ETC.). THESE CAN INCLUDE MULCHING OR MATTING (WITH WOOD CHIPS, STRAW, ETC.), CLEAR PLASTIC COVERING OR TEMPORARY SEEDING.

3. AVOID CONCENTRATED RUNOFF. DIRECT SEDIMENT LADEN WATERS TO CLOSED DEPRESSIONS, VEGETATED AREAS OR SEDIMENT TRAPS.

4. NO SEDIMENT LADEN WATER SHALL BE ALLOWED TO ENTER THE INFILTRATION SYSTEM. PLUG DISCHARGE FROM STORMCEPTOR UNTIL THE SITE IS STABILIZED. WATER WHICH DOES ENTER THE STORM SYSTEM DURING CONSTRUCTION SHALL BE PUMPED OUT AND DISPERSED ON TO THE LOTS TO INFILTRATE.

LEGEND:

VEG PRESERVE NATURAL VEGETATION

BZ VEGETATIVE BUFFER ZONE

CONSTRUCTION ROAD STABILIZATION STABILIZE ROAD DURING CONSTRUCTION WITH BALLAST IF NEEDED

CE STABILIZED CONSTRUCTION ENTRANCE

DC DUST CONTROL (WATERING AS NEEDED)

FF FILTER (SILT) FENCE

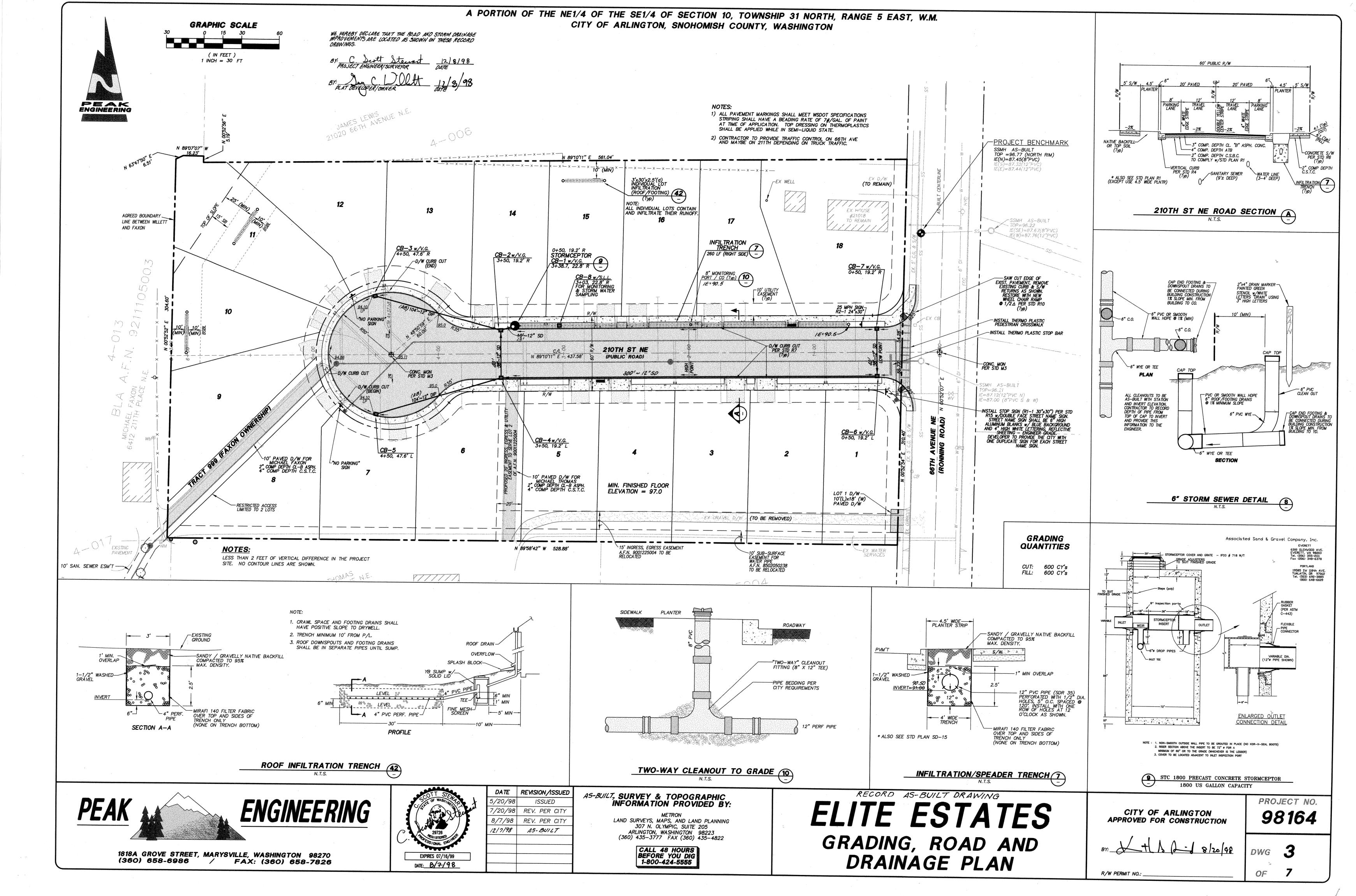
STORM DRAIN (CATCH BASIN) INLET PROTECTION
THE USE OF CATCH BASIN INSERTS ARE REQUIRED
IN ALL CATCH BASINS, THESE SHALL REMAIN IN USE
THROUGHOUT CONSTRUCTION OF THE PLAT.
(MFG. PRICE-MOON ENTERPRISES 360-568-0146).

FINISHED GRADE CONTOUR

WE HEREBY DECLARE THAT THE ROAD AND STORM DRAINAGE IMPROVEMENTS ARE LOCATED AS SHOWN ON THESE RECORD

98164

PROJECT NO.



GENERAL NOTES

- 1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION 1998 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND THE 1992 DOE STORMWATER MANUAL.
- 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.
- 3. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CITY TO SCHEDULE A PRECONSTRUCTION CONFERENCE. FIELD CHANGES REQUIRING REDESIGN SHALL BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION. AS—BUILTS SHALL BE REQUIRED PRIOR TO SITE APPROVAL.
- SEDIMENT LADEN WATERS SHALL NOT ENTER THE DRAINAGE INFILTRATION SYSTEM.
 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 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
- 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 AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK.
- 9. LOT LINES SHOWN HEREON ARE APPROXIMATE, ACTUAL PLATTED DIMENSIONS AND/OR DEEDED LOCATIONS SHALL TAKE PRECEDENCE.

STORM DRAINAGE NOTES

- I. UNLESS OTHERWISE NOTED, ALL STORM SEWER PIPE SHALL BE SMOOTH WALLED STORM DRAIN (SD). SD SHALL BE REINFORCED CONCRETE PIPE (RCP) OR, CORRUGATED POLYETHYLENE PIPE (CPP). CPP SHALL BE HIGH DENSITY CORRUGATED POLYETHYLENE SMOOTH INTERIOR PIPE AND SHALL BE MANUFACTURED IN CONFORMITY WITH THE LATEST AASHTO SPECIFICATIONS FOR M 294 TYPE S AND THE MATERIAL COMPOUND SHALL CONFORM TO ASTM D 3350. PIPE JOINTS AND FITTINGS SHALL CONFORM TO AASHTO M 294. COUPLINGS SHALL BE INTEGRAL BELL AND SPIGOT OR DOUBLE BELL SEPARATE COUPLINGS. SPLIT COUPLINGS WILL NOT BE ALLOWED. ALL PIPES SHALL HAVE RUBBER GASKETS. POLYETHYLENE VINYL CHLORIDE PIPE (PVC) SHALL CONFORM TO SDR35, ASTM D3034.
- 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
- 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.
- 4. ALL GRATES (INLET AND CATCH BASIN) SHALL BE DEPRESSED 0.1 FEET BELOW PAVEMENT LEVEL. GRATE ELEVATIONS SHOWN ON PLANS ARE PAVEMENT LEVEL.
- 5. ALL CATCH BASINS TO BE TYPE 1, UNLESS OTHERWISE NOTED.
- 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 CITY RIGHT—OF—WAY OR FOR USE WITH TYPE II MANHOLE.
- 8. STANDARD LADDER STEPS SHALL BE PROVIDED IN ALL CATCH BASINS/MANHOLES
- 9. CATCH BASIN FRAME AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL SM60 LOCKING TYPE OR APPROVED EQUAL. TYPE II CATCH BASIN FRAME AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL MH30, MH26 OR APPROVED EQUAL.
- 10. STORM DRAINAGE PIPE AND CATCHBASINS SHALL BE FLUSHED AND CLEANED PRIOR TO CITY ACCEPTANCE NO STORMWATER SHALL ENTER INFILTRATION FACILITY UNTIL CONSTRUCTION IS COMPLETE AND PERMANENT EROSION AND SEDIMENTATION CONTROL BMP'S ARE FUNCTIONING.

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.
- 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'S NAME AND PHONE NUMBER ARE METRON AT 360-435-3777.
 THE TEMPORARY EROSION/SEDIMENTATION CONTROL FACILITIES SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING IN ACCORDANCE WITH THE
- 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 COUNTY SPECIFICATIONS AND TO BE DESIGNED AND CERTIFIED BY A CIVIL
- 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.
- 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.

BMP NOTES:

WINTER CONDITIONS TEMPORARY EROSION & SEDIMENT CONTROL BMP'S
(NOVEMBER 1 TO MARCH 31)

THE EXISTING VEGETATION SHOULD BE LEFT UNDISTURBED WHERE POSSIBLE TO LIMIT EROSION. DISTURBED AREAS SHALL BE COVERED WITH MULCH AND/OR MATTING. STOCKPILES OR SLOPES STEEPER THAN 2:1 SHALL BE COVERED WITH PLASTIC SHEETING HELD IN PLACE WITH SAND BAGS.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

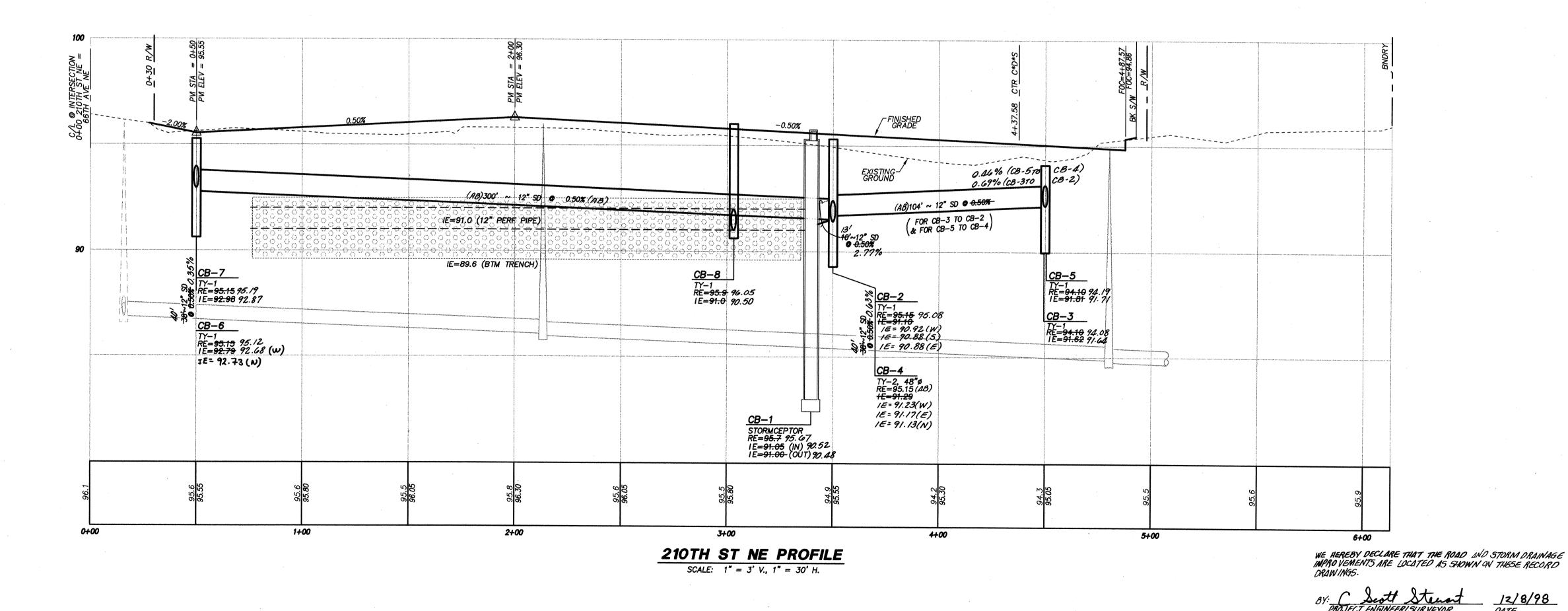
- 1. INSTALLATION: THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS IN THE PLAN. IF WASH 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 50 FEET.
- 4. WASHING: IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM VEHICAL TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES 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.

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
- 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.





ENGINEER EXPERIENCED IN SOILS MECHANICS.

ENGINEERING

EXPIRES 07/16/99

DATE: 8/7/98

 DATE
 REVISION/ISSUED

 5/20/98
 ISSUED

 7/20/98
 REV. PER CITY

 8/7/98
 REV. PER CITY

 12/1/98
 AS-BUILT

A5-BUILT, SURVEY & TOPOGRAPHIC INFORMATION PROVIDED BY:

METRON
LAND SURVEYS, MAPS, AND LAND PLANNING
307 N. OLYMPIC, SUITE 205
ARLINGTON, WASHINGTON 98223
(360) 435-3777 FAX (360) 435-4822

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

ROAD AND DRAINAGE PROFILE

CITY OF ARLINGTON APPROVED FOR CONSTRUCTION

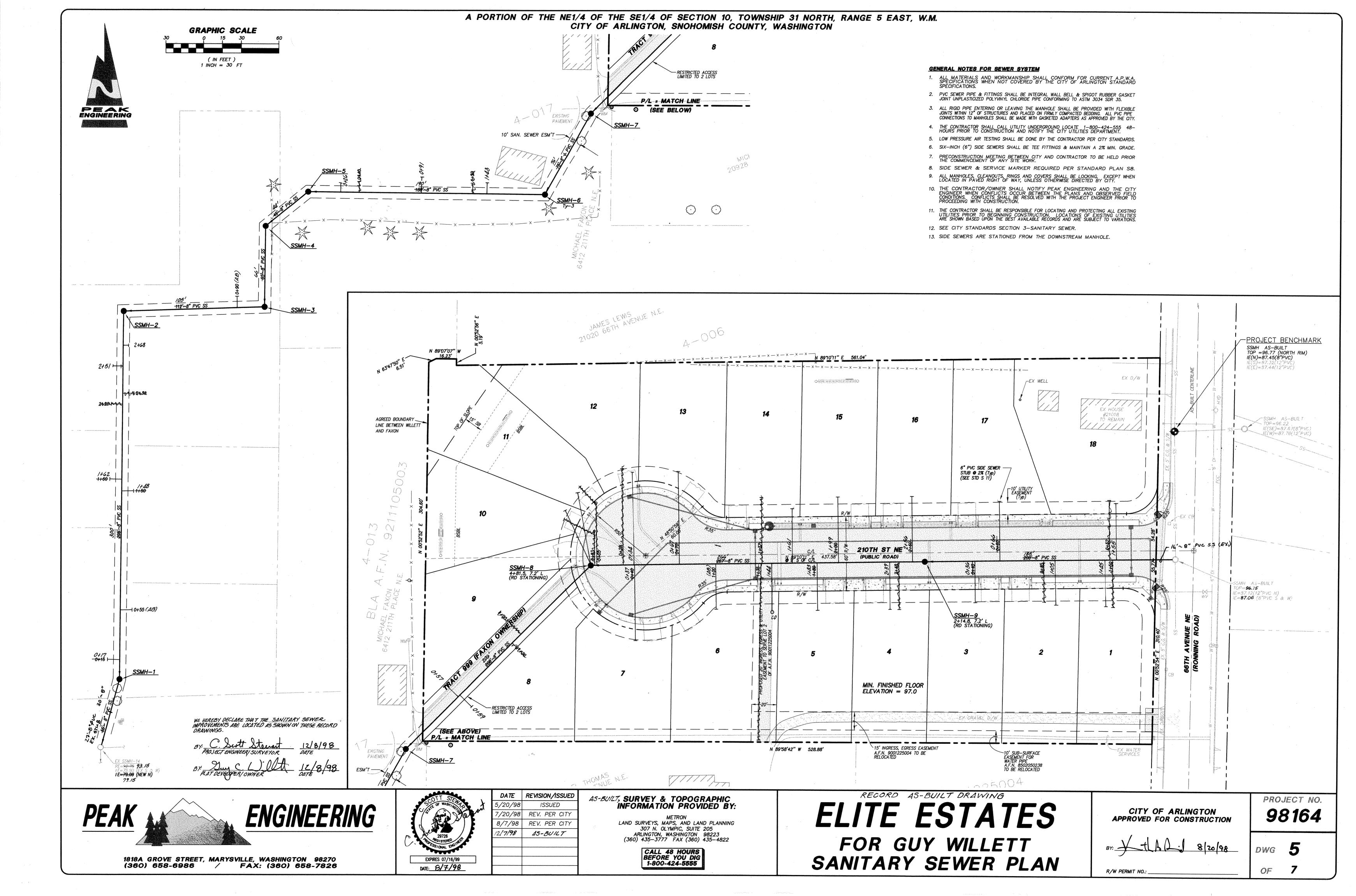
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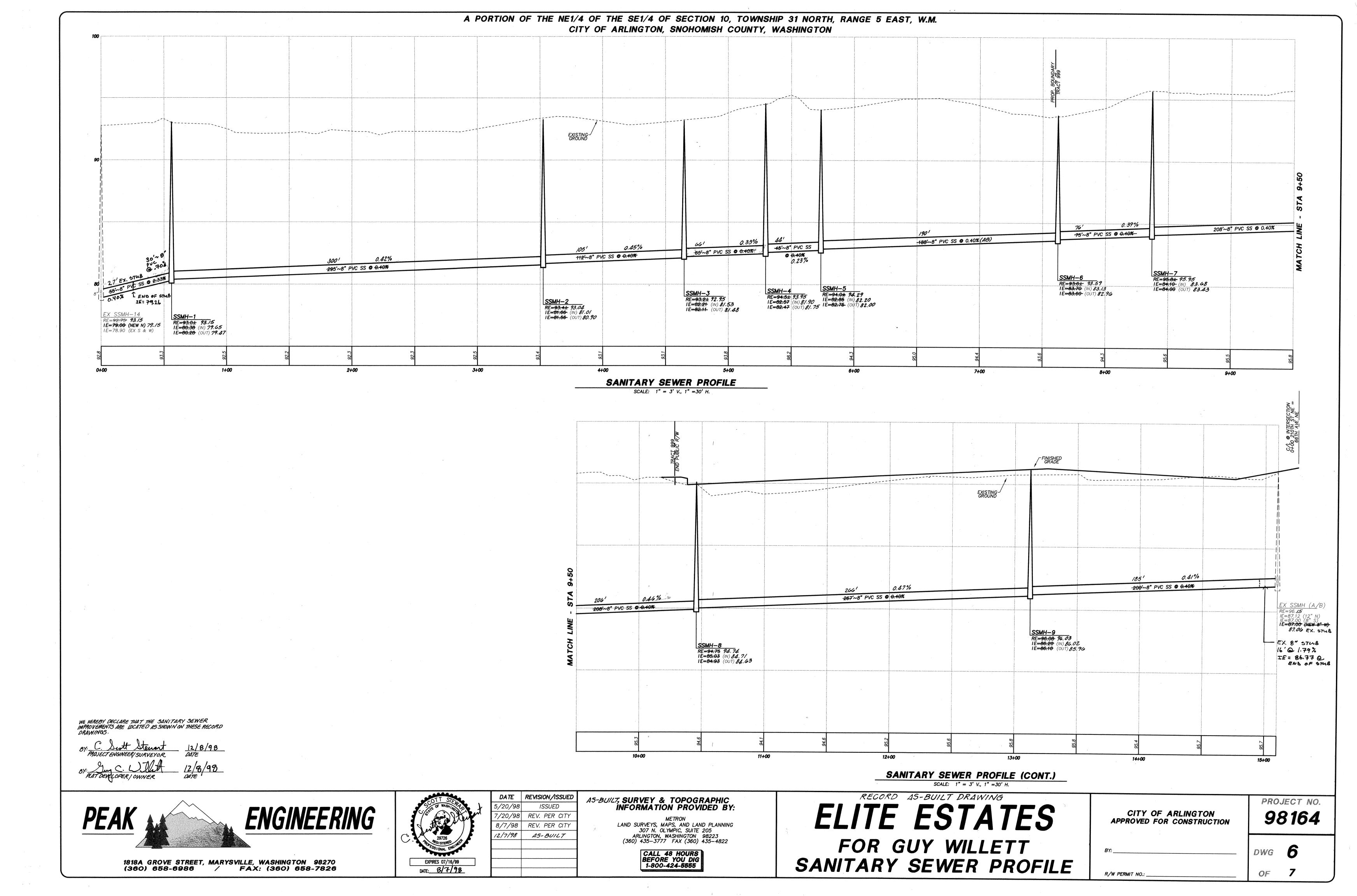
DWG 4

PROJECT NO.

98164

1818A GROVE STREET, MARYSVILLE, WASHINGTON 98270 (360) 658-6986 / FAX: (360) 658-7826





- DEPARTMENT. THE CONTRACTOR SHALL MAKE ALL CONNECTIONS TO THE SYSTEM
- ACTUAL DETERMINATION OF SUITABILITY WILL BE DETERMINED BY THE CITY DURING CONSTRUCTION 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.
- OF ARLINGTON PUBLIC WORKS CONSTRUCTION STANDARDS AND SPECIFICATIONS