

TRANSPORTATION CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF BELLEVUE ORGANIC MATERIAL APPLICATIONS, CITY CODES, AND THE 1998 WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
2. THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE LATEST EDITION OF THE CITY OF BELLEVUE DEVELOPMENT MANUAL. THIS APPROVAL IS LIMITED TO FIELD INSPECTION, AND DOES NOT CONSTITUTE AN ENDORSEMENT OF THE TRANSPORTATION DEPARTMENT REVIEW ENGINEER AND INSPECTOR.
3. APPROVAL OF THIS ROAD GRADING AND DRAINAGE PLAN DOES NOT CONSTITUTE AN APPROVAL OF ANY OTHER CONSTRUCTION (E.G., DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.)
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL FOR A PRECONSTRUCTION CONFERENCE AT 455 6666 PRIOR TO ANY GRADING, GRADING, OR CONSTRUCTION ACTIVITY. THIS CONFERENCE (OR THE DEVELOPER'S CONSTRUCTION REPRESENTATIVE)
5. A COPY OF THESE APPROVED PLANS MUST BE AT THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE HOURS BETWEEN 7:00 AM AND 6:00 PM, MONDAY THROUGH FRIDAY, AND PROHIBITED ON WEEKENDS OR OTHER CITY DEPARTMENTS MAY FURTHER RESTRICT HOURS OF CONSTRUCTION.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY CONSTRUCTION PERMITS AND RIGHT-OF-WAY USE PERMITS BEFORE BEGINNING OFF-SITE WORK. WORK WITHIN THE UNIMPROVED RIGHT-OF-WAY INCLUDING THE JOB SITE DOES NOT REQUIRE A SEPARATE PERMIT APPROVAL. WORK WITHIN THE IMPROVED ROADWAY REQUIRING THE SITE REQUIRES A SEPARATE RIGHT-OF-WAY USE PERMIT. RIGHT-OF-WAY USE PERMITS ARE REQUIRED FOR ALL CURB CUTS.
8. ALL UTILITY TRENCHES SHALL BE BACKFILLED AND COMPACTED TO 98% DENSITY. PRIOR TO PLACEMENT OF AFB, THE DEVELOPER MUST SUBMIT THE RESULTS OF A COMPACTION TEST CONDUCTED BY A LICENSED SOILS ENGINEER TO THE TRANSPORTATION DEPARTMENT INSPECTOR.
9. ALL ROADWAY SURGRADE SHALL BE BACKFILLED AND COMPACTED TO 98% DENSITY AS PER WSDOT 2-06-3. PRIOR TO PLACEMENT OF AFB, THE DEVELOPER MUST SUBMIT THE TRANSPORTATION DEPARTMENT INSPECTOR.
10. IN CONNECTION WITH THE PERFORMANCE WORK COVERED BY THIS APPROVAL, THE CITY DOES NOT PROVIDE DESIGN SERVICES AND ANY DESIGN SERVICES OF THE PUBLIC, WITH ANY WORK WHICH MAY INTERFERE WITH NORMAL TRAFFIC FLOW, AT LEAST ONE FLAGGER FOR EACH SPECIFICATION 1 07.23-TRAFFIC CONTROL, SHALL APPLY.
11. ALL WORK SHALL BE PERFORMED PER THE RECOMMENDATIONS OF SOILS REPORTS PREPARED FOR THIS PROJECT, UNLESS OTHERWISE DIRECTED IN WRITING BY THE TRANSPORTATION DEPARTMENT REVIEW ENGINEER OR INSPECTOR.
12. WHEELCHAIR RAMP ARE TO BE LOCATED AND CONSTRUCTED PER THE CITY OF BELLEVUE DEVELOPMENT MANUAL.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE TELEPHONE, GAS, POWER, AND CABLE TV COMPANIES OF PROPOSED WORK PRIOR TO CONSTRUCTION SO THAT THESE UTILITIES CAN PREPARE PLANS FOR EXTENSIONS OF THEIR UTILITIES.
14. STREET SIGNS ARE TO BE PROVIDED AND INSTALLED BY THE DEVELOPER AS DIRECTED PER A WSDOT 452-27.41. AT LEAST 72 HOURS PRIOR TO INSTALLATION FOR FIELD LAYOUT. ALL SIGNS MUST BE IN GOOD CONDITION PRIOR TO FINAL ACCEPTANCE OF THE ROADWAY.
15. STREET POWER WILL DESIGN AND INSTALL THE INTERNAL, PLAT STREET LIGHTING SYSTEM, AT THE DEVELOPER'S COST. THE DESIGN OF THIS SYSTEM MUST BE APPROVED BY THE CITY OF BELLEVUE PRIOR TO INSTALLATION. POLES MUST BE INSTALLED IN CONJUNCTION WITH ROADWAY BACKLASH WORK.
16. STREET LIGHTS FOR THE ROADWAY FRONTING THE PLAT MUST BE PROVIDED BY THE DEVELOPER. STREET LIGHTS FOR THE UNIMPROVED RIGHT-OF-WAY ARE TO BE PROVIDED BY THE TRANSPORTATION DEPARTMENT PRIOR TO INSTALLATION.
17. AFB FOR THE ROADWAY MAY BE PLACED ONLY AFTER MARCH 20TH AND PRIOR TO OCTOBER 31ST.
18. THE FINAL LIFT OF CLASS "B" ASPHALT MAY BE PLACED ONE YEAR AFTER THE WRITTEN ACCEPTANCE OF ALL PLAT INFRASTRUCTURE IN THE RIGHT-OF-WAY OR FOLLOWING COMPLETION OF 90% OF THE PLAT HOMES. ALL VAULT BOXES, MANHOLES, CATCH BASINS AND BE ADJUSTED TO THE AFB GRADE FOR THIS PORTION OF THE PROJECT. THESE ITEMS WILL BE ADJUSTED TO THE FINAL GRADE ONLY AFTER THE FINAL LIFT OF ASPHALT HAS BEEN PLACED.
19. ALL CITY-OWNED UTILITIES SHALL BE RAISED TO FINAL GRADE WITHIN ONE WEEK OF THE PLACEMENT OF FINAL LIFT.
20. ALL PLANTER ISLANDS SHALL BE LANDSCAPED WITH LOW-Maintenance AND DROUGHT-TOLERANT PLANTS BY THE DEVELOPER, AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION OR ADJACENT HOME OWNERS.
21. SAFETY RAIL, GUARD RAIL AND DRIVEWAY ABRASION WILL BE PLACED AND CONSTRUCTED PER THE CITY OF BELLEVUE DEVELOPMENT MANUAL. IF DRIVEWAY ABRASION HAS BEEN INSTALLED ONLY AFTER THE PLAT IS APPROVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE ABRASION. CURBS AND CUTTERS SHALL BE CONTINUOUS AND A RIGHT-OF-WAY USE PERMIT WILL BE REQUIRED TO INSTALL FUTURE DRIVEWAY ABRASION ADJACENT CITY RIGHT-OF-WAY.
22. CONTRACTOR IS RESPONSIBLE TO RESTRIPE THE ROAD SURFACE WITH AN OVERLAY. THIS MUST BE COORDINATED WITH THE CITY INSPECTOR.
23. THE RELOCATION OF STREET SIGN MUST BE COORDINATED WITH THE CITY INSPECTOR.
24. A CONCRETE FORM INSPECTION AND/OR STRIPING INSPECTION MUST BE CALLED FOR PRIOR TO POURING CONCRETE.

PAVING NOTES:

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE CITY OF BELLEVUE DEVELOPMENT MANUAL AND ASSOCIATION STANDARDS. WSDOT-494M STANDARD SPECIFICATION, AND AMERICAN WATER WORKS ASSOCIATION STANDARDS.
2. A COPY OF THE APPROVED PLANS SHALL BE ON SITE THROUGHOUT CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY OTHER REQUIRED OR RELATED PERMIT PRIOR TO BEGINNING CONSTRUCTION.
3. ALL LOCATIONS OF EXISTING UTILITIES HAVE BEEN ESTABLISHED BY FIELD SURVEY AND AVAILABLE RECORDS AND SHOULD BE CONSIDERED AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO DESIGN AND MOVE ANY OTHER UTILITIES NOT SHOWN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
4. ASPHALT CONCRETE PAVEMENT SHALL BE PLACED IN ACCORDANCE WITH WSDOT-494M SECTION 5-04.
5. FINISHED SURFACE SHALL BE PLACED IN ACCORDANCE WITH WSDOT-494M SECTION 4-04 AND SHALL MEET THE REQUIREMENTS OF WSDOT-494M 9-03.93.
6. STRIPING ALL AREAS TO BE PAVED WITH A SOL STRIPING, PAINTING, 5% OF EQUAL, AS RECOMMENDED BY MANUFACTURER.
7. APPLY TACK COAT TO ALL EXISTING PAVEMENT SURFACES TO BE OVERLAIN, WITH NEW ASPHALT PAVEMENT.
8. CONTRACTOR SHALL VERIFY THAT ALL CONVICTION REQUIREMENTS HAVE BEEN MET PRIOR TO PAVING.
9. CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING FEATURES TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING OR RESTORING TO THE OWNER'S SATISFACTION ANY AREA THAT HAS BEEN DAMAGED OR DAMAGED HAS OCCURRED AS TO COST TO THE OWNER.
10. CONTRACTOR SHALL AVOID UNNECESSARY DISTURBANCE TO STEEP SLOPES AS TO NOT INCREASE THE POTENTIAL FOR INSTABILITY.
11. CONTRACTOR SHALL PROTECT ALL FINISHED SURFACES. ALLOW NO HEAVY OBJECTS TO BE MOVED OVER FINISHED SURFACES. CONTRACTOR SHALL REPAIR AT NO COST TO THE OWNER ANY RIDS, AREAS SHOWING SETTLEMENT, AND ANY OBSTRUCTIONS TO POSITIVE DRAINAGE. CONTRACTOR SHALL NOT ALLOW RECURRING TRAFFIC ON ASPHALT PAVEMENT UNTIL IT IS COOLED AND HARDENED AND IN NO CASE SOONER THAN 6 HOURS AFTER PAVING.
12. CONTRACTOR SHALL NOT PAVE IN RAIN, WHEN SURGRADE IS WET OR ROCKY, AND WHEN TEMPERATURES ARE BELOW 40 DEGREES F. TACK COAT SHALL NOT BE APPLIED IN TEMPERATURES BELOW 50 DEGREES F.
13. STRIPING SCOPING, JOINTS AND APPROPRIATES PER ARCHITECTURAL PLANS.
14. PROVIDE CHECKED EDGE AT ALL ASPHALT TO CONCRETE PAVING TRANSITIONS.

SANITARY SEWER GENERAL NOTES

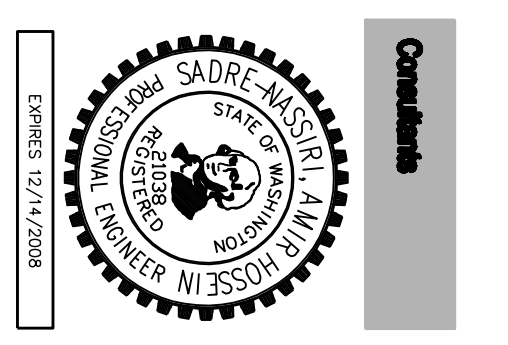
1. ALL WORK SHALL CONFORM TO CITY OF BELLEVUE UTILITY ENGINEERING STANDARDS AND THE DEVELOPER EXTENSION AGREEMENT.
2. ALL NEW MANHOLES SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48" AND SHALL CONFORM TO THE STANDARD DETAILS.
3. SANITARY SEWER PIPE SHALL BE PVC CONFORMING TO ASTM-D3034 SDR 35. BEDDING AND BACKFILL SHALL BE AS SHOWN IN THE STANDARD DETAILS.
4. WHERE SHOWN AS 600-PVC, THE SEWER PIPE SHALL BE PRESSURE CLASS 150 (OR B) CONFORMING TO AWWA C900.
5. ALL SOLE SEWERS SHALL BE 6" DIAMETER PIPE AT A MINIMUM 2% SLOPE.
6. SOLE SEWER STATIONS ARE REFERENCED FROM NEAREST DOWNSTREAM MANHOLE.
7. LOT CORNERS MUST BE SET AND SOLE SEWER LOCATIONS VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION.
8. ALL SOLE SEWER STUBS SHALL BE CAPPED WITH A WATER-TIGHT PLUG. PLUG LOCATION SHALL BE MARKED WITH A 2 X 4 X 12 FEET LONG, WITH ONE END BURIED AT DEPTH OF THE PLUG W/VERT AND EXTENDING AT LEAST 3 FEET VERTICALLY OUT OF THE GROUND. THE PORTION OF STAKE ABOVE GROUND SHALL BE PAINTED WHITE AND MARKED WITH THE WORD "SEWER" AND THE DEPTH FROM PIPE INVERT TO GROUND LEVEL. UNCOVERED PIPE TO STAKE WITH AN 8 GAUGE WIRE AT OR ABOVE FINISHED GROUND LEVEL.
9. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREON 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 SHOWN, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
10. ALL TESTING AND CONNECTIONS TO EXISTING MAINS SHALL BE DONE IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY OF BELLEVUE UTILITIES DEPARTMENT.
11. ALL TRENCHES SHALL BE COMPACTED, AND AFB IN PLACE IN PAVED AREAS, PRIOR TO TESTING SEWER LINES FOR ACCEPTANCE.
12. SOLE SEWER SHALL BE TESTED FOR ACCEPTANCE AT THE SAME TIME THE MAIN SEWER IS TESTED.
13. TOPS OF MANHOLES WITHIN PUBLIC RIGHTS-OF-WAY SHALL NOT BE ADJUSTED TO FINAL GRADE UNTIL JUST PRIOR TO PAVING.
14. ALL MANHOLES IN UNPAVED AREAS SHALL INCLUDE A CONCRETE SEAL AROUND ADJUSTING RINGS PER STANDARD DETAIL.
15. CONTRACTOR SHALL ADJUST ALL MANHOLE RINGS TO FLUSH WITH FINAL FINISHED GRADES, UNLESS OTHERWISE SHOWN.
16. ALL SEWER MAIN EXTENSIONS WITHIN THE PUBLIC RIGHT-OF-WAY OR IN EASEMENTS MUST BE STAKED BY SURVEY FOR "LINE AND GRADE" AND CUT SHEETS PROVIDED TO THE ENGINEER, PRIOR TO STARTING CONSTRUCTION.
17. CONTRACTOR SHALL INSTALL, AT ALL CONNECTIONS TO EXISTING DOWN STREAM MANHOLES, SEWERS OR PIPES TO PREVENT FOREIGN MATERIAL FROM ENTERING EXISTING SANITARY SEWER SYSTEM. SCREENS OR PIPES SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION AND SHALL BE REMOVED ALONG WITH COLLECTED DEBRIS AT THE END OF CONSTRUCTION AND SHALL BE PRESENT AT A REPRESENTATIVE OF THE CITY OF BELLEVUE UTILITIES DEPARTMENT.
18. SURFACE RESTORATION OF EXISTING ASPHALT PAVEMENT SHALL BE AS REQUIRED BY THE RIGHT-OF-WAY USE PERMIT.
19. CONTRACTOR SHALL MAINTAIN A MINIMUM OF TEN FEET (10') HORIZONTAL SEPARATION BETWEEN ALL WATER AND SEWER LINES. ANY CONFLICTS SHALL BE REPORTED TO THE UTILITY AND THE ENGINEER PRIOR TO CONSTRUCTION.
20. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT NO CONFLICTS EXIST BETWEEN SANITARY SEWER LINES AND PROPOSED OR EXISTING UTILITIES PRIOR TO CONSTRUCTION.
21. MINIMUM COVER OVER SEWER PIPE SHALL BE FIVE FEET, UNLESS OTHERWISE SHOWN.
22. THE CONTRACTOR SHALL USE A VACUUM STREET SWEEPER TO REMOVE DUST AND DEBRIS FROM PAVEMENT AREAS AS DIRECTED BY THE ENGINEER. FLUSHING OF STREETS SHALL NOT BE PERMITTED WITHOUT PRIOR CITY APPROVAL.
23. BEFORE COMMENCEMENT OF TRENCHING, THE CONTRACTOR SHALL PROVIDE FILTER FABRIC FOR ALL DOWNHILL STORM DRAIN TRENCHES AND CATCH BASINS. THIS INCLUDES REMOVING ALL FILTER FABRIC AND REPLACING AS NECESSARY. FOR ALL CONSTRUCTION DURING THE RAINY SEASON, DOWNHILL BASINS AND INLETS MUST BE PROTECTED WITH CATCH BASIN INSERTS. SIMPLY PLACING FILTER FABRIC UNDER THE GRADE IS NOT ACCEPTABLE.
24. SOLE SEWER DEMOLITION SHALL BE PERFORMED PRIOR TO REMOVAL OF BUILDING FOUNDATION. THE SOLE SEWER FOR EACH BUILDING SHALL BE EXCAVATED AND REMOVED FROM THE HOUSE CONNECTION TO THE EDGE OF THE PUBLIC RIGHT-OF-WAY, OR PREPARED LINE. THE CONTRACTOR SHALL CAP THE END OF THE SOLE SEWER TO BE REMOVED WITH A 2" DIA. CAP. THE CONTRACTOR SHALL PROVIDE THE FILTER FABRIC OF THE CITY OF BELLEVUE SEWER MAINTENANCE ENGINEERING TECHNICIAN.
25. AVOID CROSSING WATER OR SEWER MAINS AT HIGHLY ACUTE ANGLES. THE SMALLEST ANGLE MEASURE BETWEEN UTILITIES SHOULD BE 45 TO 90 DEGREES.
26. AT POINTS WHERE EXISTING THIRST BLOCKING IS FOUND, MINIMUM CLEARANCE BETWEEN THE EXISTING BLOCKING AND OTHER BURIED UTILITIES OR STRUCTURES SHALL BE 5 FEET.
27. WHERE NEW UTILITY LINE CROSSES BELOW AN EXISTING AC MAIN, THE AC PIPE SHALL BE REPLACED WITH DI PIPE TO 3 FEET PAST EACH SIDE OF THE TRENCH AS SHOWN ON STANDARD DETAIL W-7. ALTERNATIVELY, WHERE DIRECTED BY THE ENGINEER, THE TRENCH SHALL BE BACKFILLED WITH CONTROLLED DENSITY FILL (CDF, AKA FLOWABLE FILL) FROM BOTTOM OF TRENCH TO BOTTOM OF THE AC MAIN.
28. CALL 1-800-424-5555 48 HOURS BEFORE CONSTRUCTION FOR UTILITY LOCATIONS.

WATER GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO CITY OF BELLEVUE UTILITY ENGINEERING STANDARDS AND THE DEVELOPER EXTENSION AGREEMENT.
2. ALL PIPE SHALL BE DUCTILE IRON CLASS 52 UNLESS OTHERWISE SHOWN.
3. ALL PIPE AND FITTINGS NOT TO BE DISINFECTED IN PLACE SHALL BE SWABBED WITH 1 AVAILABLE CHLORINE SOLUTION PRIOR TO INSTALLATION.
4. THE NEW WATERMAIN SHALL BE CONNECTED TO THE EXISTING SYSTEM ONLY AFTER NEW MAIN IS PRESSURE TESTED, FLUSHED, DISINFECTED AND SATISFACTORY BACTERIOLOGICAL SAMPLE RESULTS ARE OBTAINED. SEE STANDARD DETAIL W-8.
5. AFTER DISINFECTING THE WATERMAIN, DISPOSE OF CHLORINATED WATER BY DISCHARGING TO THE NEAREST OPERATING SANITARY SEWER.
6. WATERMAIN SHUT-OFF SHALL BE COORDINATED WITH THE WATER OPERATIONS DIVISION FOR PREFERRED TIMING DURING FLOW CONTROL CONDITIONS. WATERMAIN SHUT-OFFS SHALL NOT BE SCHEDULED TO TAKE PLACE ON FRIDAYS, OR ON THE DAY BEFORE A CITY HOLIDAY, UNLESS OTHERWISE APPROVED BY THE CITY.
7. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREON 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 SHOWN, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
8. DETECT THE WATERMAIN ABOVE OR BELOW EXISTING UTILITIES AS REQUIRED TO MAINTAIN 3 FT. MINIMUM COVER AND 12 INCH MINIMUM VERTICAL CLEARANCE BETWEEN UTILITIES UNLESS OTHERWISE SPECIFIED.
9. WRAP ALL DUCTILE IRON PIPE AND ADJACENT VALVES AND FITTINGS WITH 8-MIL POLYETHYLENE CONFORMING TO AWWA C105.
10. THE WATERMAIN SHALL BE INSTALLED ONLY AFTER THE ROADWAY SURGRADE IS BACKFILLED, GRADED AND COMPACTED IN CUT AND FILL AREAS.
11. TRENCH BACKFILL AND SURFACE RESTORATION OF EXISTING ASPHALT PAVEMENT SHALL BE AS REQUIRED BY THE RIGHT-OF-WAY USE PERMIT.
12. ALL FITTINGS SHALL BE BACKED PER STANDARD DETAIL UNLESS OTHERWISE SPECIFIED.
13. ALL SERVICES SHALL BE 1" X 3/4" PER STANDARD DETAIL UNLESS OTHERWISE SPECIFIED.
14. WHEN WORKING WITH MASTICS/CEMENT PIPE, THE CONTRACTOR IS REQUIRED TO MAINTAIN WORKERS' EXPOSURE TO ASBESTOS MATERIAL AT OR BELOW THE LIMIT PRESCRIBED IN WAC 296-62-0705.
15. CALL 1-800-424-5555 48 HOURS BEFORE CONSTRUCTION FOR UTILITY LOCATIONS.
16. UNDERGROUND PUMPING CODE REQUIRES THE INSTALLATION OF PRIVATELY OWNED AND OPERATED PRESSURE REDUCING VALVES WHERE THE OPERATING PRESSURE EXCEEDS 80 PSI.
17. THE CONTRACTOR SHALL USE A VACUUM STREET SWEEPER TO REMOVE DUST AND DEBRIS FROM PAVEMENT AREAS AS DIRECTED BY THE ENGINEER. FLUSHING OF STREETS SHALL NOT BE PERMITTED WITHOUT PRIOR CITY APPROVAL.
18. BEFORE COMMENCEMENT OF TRENCHING, THE CONTRACTOR SHALL PROVIDE FILTER FABRIC FOR ALL DOWNHILL STORM DRAIN TRENCHES AND CATCH BASINS. THIS INCLUDES REMOVING ALL FILTER FABRIC AND REPLACING AS NECESSARY. FOR ALL CONSTRUCTION DURING THE RAINY SEASON, DOWNHILL BASINS AND INLETS MUST BE PROTECTED WITH CATCH BASIN INSERTS. SIMPLY PLACING FILTER FABRIC UNDER THE GRADE IS NOT ACCEPTABLE.
19. ABANDONMENT OF EXISTING WATER SERVICES SHALL BE ACCOMPLISHED AS FOLLOWS:
 1. REMOVE EXISTING SERVICE SHUTOFF FROM WATER MAIN AND REPLACE WITH NEW STAINLESS STEEL REPAIR BANG, ROUND SIZE, ROAMING SERVICE SHUTOFF TOYS, OR APPROVED EQUAL (WILL NOT BE REQUIRED WHEN WATER MAIN IS TO BE ABANDONED PRIOR TO SERVICE DEMOLITION).
 2. REMOVE AND DISPOSE OF EXISTING SETTER AND METER BOX.
 3. CAP OR GRAB (IF COPPER) EXISTING SERVICE LINE TO BE ABANDONED IN PLACE, EACH END.
 4. RETURN EXISTING METER TO CITY OF BELLEVUE UTILITIES INSPECTOR.
20. WHERE NEW UTILITY LINE CROSSES BELOW AN EXISTING AC MAIN, THE AC PIPE SHALL BE REPLACED WITH DI PIPE TO 3 FEET PAST EACH SIDE OF THE TRENCH AS SHOWN ON STANDARD DETAIL W-7. ALTERNATIVELY, WHERE DIRECTED BY THE ENGINEER, THE TRENCH SHALL BE BACKFILLED WITH CONTROLLED DENSITY FILL (CDF, AKA FLOWABLE FILL) FROM BOTTOM OF TRENCH TO SPRING LINE OF THE AC MAIN.
21. AVOID CROSSING WATER OR SEWER MAINS AT HIGHLY ACUTE ANGLES. THE SMALLEST ANGLE MEASURE BETWEEN UTILITIES SHOULD BE 45 TO 90 DEGREES.
22. WHERE WATERMAIN CROSSES ABOVE OR BELOW SANITARY SEWER, ONE FULL LENGTH OF WATER PIPE SHALL BE CENTERED FOR MANHOLE JOINT SEPARATION.
23. AT POINTS WHERE EXISTING THIRST BLOCKING IS FOUND, MINIMUM CLEARANCE BETWEEN THE CONCRETE BLOCKING AND OTHER BURIED UTILITIES OR STRUCTURES SHALL BE 5 FEET.

SEED MIXTURE NOTES:

1. TIME OF SEEDING: THE BEST TIME TO SEED IS APRIL 1 THROUGH JUNE 30 AND SEPTEMBER 1 THROUGH OCTOBER 31. SEEDING SHOULD BE COMPLETED BY SEPTEMBER 30. SEEDING MAY BE REQUIRED IN ORDER TO GROW ADEQUATE COVER AREAS MAY ALSO BE SEEDING DURING THE WINTER MONTHS, BUT IT MAY TAKE SEVERAL MONTHS TO DEVELOP A DENSE GROUND COVER DUE TO COLD TEMPERATURES. THE APPLICATION AND MAINTENANCE OF MULCH IS CRITICAL FOR WINTER SEEDING.
 2. SITE PREPARATION: TO PREVENT SEED FROM BEING WASHED AWAY, CONFIRM THAT ALL REQUIRED SURFACE WATER CONTROL MEASURES HAVE BEEN INSTALLED.
 3. SEEDING PREPARATION: THE SEEDING SHOULD BE FIRM, BUT NOT COMPACTED. SEEDER SOLES THAT ARE WELL-COMPACTED WILL NOT VEGETATE AS QUICKLY OR THOROUGHLY. SLOPES GREATER THAN 3:1V SHALL BE SURFACE ROUGHENED. ROUGHENING CAN BE ACCOMPLISHED IN A VARIETY OF WAYS, BUT THE PREFERRED METHOD IS TRACK-WALKING, OR DRIVING A CRAWLING TRACTOR UP AND DOWN THE SLOPE. LEGAL TRAIL MARKERS PARALLEL TO THE SLOPE CORNERS.
 4. FERTILIZATION: IN GENERAL, 10-20-20 (NITROGEN-PHOSPHORUS-POTASSIUM) FERTILIZER CAN BE USED FOR SEEDING. USE THE SAME FERTILIZER AS FERTILIZER FOR THE PROJECT BECAUSE IT WILL BE MORE EFFECTIVE FOR FINAL LANDSCAPING. CONDUIT SOIL TESTS TO DETERMINE THE EXACT TYPE AND QUANTITY OF FERTILIZER NEEDED. THIS WILL PREVENT THE OVERAPPLICATION OF FERTILIZER, DISTURBED AREAS WITHIN 200 FEET OF WATER BODIES AND WETLANDS MUST USE NON-PHOSPHORUS FERTILIZER.
 5. MULCHING: THE FOLLOWING REQUIREMENTS APPLY TO MULCHING:
 - A. MULCH IS ALWAYS REQUIRED FOR SEEDING SLOPES GREATER THAN 3:1V.
 - B. IF SEEDING DURING THE WET SEASON, MULCH IS REQUIRED.
 - C. THE USE OF MULCH MAY BE REQUIRED DURING THE DRY SEASON AT THE CITY'S DISCRETION. IF GRASS GROWTH IS EXPECTED TO BE SLOW, THE SOILS ARE HIGHLY ERODIBLE DUE TO SOIL PREPARATION, AND/OR THE SEEDING IS BEING PERFORMED BEFORE THE FERTIVE COVER MULCH CAN BE APPLIED ON TOP OF THE SEED OR SIMULTANEOUSLY BY HYDROSEEDING.
 - D. HYDROSEEDING: HYDROSEEDING IS ALLOWED AS LONG AS TRIGGER IS INCLUDED. HYDROSEEDING WITH WOOD FIBER MULCH IS ALLOWED DURING THE DRY SEASON. DURING THE WET SEASON, THE APPLICATION RATE SHALL BE DOUBLED BECAUSE THE MULCH AND TRIGGER USED IN HYDROSEEDING BREAK DOWN FASTER. IF IT MAY BE NECESSARY IN SOME APPLICATIONS TO INCLUDE STRAW WITH THE WOOD FIBER, BUT THIS CAN BE DETERMINED AT THE TIME OF APPLICATION.
 6. SOIL AMENDMENTS: AREAS TO BE PERMANENTLY LANDSCAPED SHALL USE SOIL AMENDMENTS. THE ADDITION OF STOCKPILED TOPSOIL OR COMPOST REDUCES THE NEED FOR FERTILIZER AND IMPROVES THE OVERALL SOIL QUALITY.
 7. SEED MIXTURE: THIS SEED MIX SHOULD BE APPLIED AT THE RATE OF 120 LBS./ACRE. THIS RATE CAN BE REDUCED IF SOIL AMENDMENTS OR SLOW-RELEASE FERTILIZERS ARE USED.
- | PERMANENT SEED MIX | % WEIGHT | % PURITY | % GERMINATION |
|--|----------|----------|---------------|
| CHERWING OR RED FESCUE (FESTUCA RUBRA VAR. COMMUTATA OR FESTUCA RUBRA) | 40 | 98 | 90 |
| ANNULAR OR PERENNIAL RYE (LOLIUM MULTIFLORUM OR LOLIUM PERENN) | 40 | 98 | 90 |
| REGIONS OR COLOUM, BENTGRASS (AGROSTIS ALBA OR AGROSTIS TENUIS) | 10 | 92 | 85 |
| WHITE DUTCH CLOVER (TRIFOLIUM REPENS) | 10 | 98 | 90 |
| MELANIS SEED MIX (LEGUMS AND SMILES) | % WEIGHT | % PURITY | % GERMINATION |
| CHERWING OR RED FESCUE (FESTUCA RUBRA VAR. COMMUTATA OR FESTUCA RUBRA) | 35 | 98 | 90 |
| REGIONS OR COLOUM, BENTGRASS (AGROSTIS ALBA OR AGROSTIS TENUIS) | 35 | 92 | 85 |
| MEADOW FORTAL | 30 | 90 | 80 |
1. ALL WORK SHALL CONFORM TO THE CURRENT EDITION OF THE CITY OF BELLEVUE UTILITIES DEPARTMENT ENGINEERING STANDARDS AND THE DEVELOPER EXTENSION AGREEMENT.
 2. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREON 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 SHOWN, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
 3. THE FOOTING DRAINAGE SYSTEM AND THE ROOF DOWNSPOUT SYSTEM SHALL NOT BE INTERCONNECTED UNLESS SUCH CONNECTION IS AT LEAST 1 FOOT BELOW THE FOOTING DRAINAGE SYSTEM AND DOWN SLOPE OF THE BUILDING FOUNDATION.
 4. PROVIDE AND MAINTAIN TEMPORARY SEDIMENTATION COLLECTION FACILITIES TO ENSURE THAT SEDIMENT OR OTHER HAZARDOUS MATERIALS DO NOT ENTER THE STORM DRAINAGE SYSTEM. FOR ALL CONSTRUCTION DURING THE RAINY SEASON, DOWNHILL BASINS AND INLETS MUST BE PROTECTED WITH CATCH BASIN INSERTS. SIMPLY PLACING FILTER FABRIC UNDER THE GRADE IS NOT ACCEPTABLE.
 5. PRIOR TO FINAL INSPECTION AND ACCEPTANCE OF STORM DRAINAGE WORK, PIPES AND STORM DRAIN STRUCTURES SHALL BE CLEANED AND FLUSHED. ANY OBSTRUCTIONS TO FLOW WITHIN THE STORM DRAIN SYSTEM, (SUCH AS RUBBLE, MORTAR AND WEDGED DEBRIS), SHALL BE REMOVED AT THE NEAREST STRUCTURE. WASH WATER OF ANY SORT SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM OR SURFACE WATERS.
 6. ENDS OF EACH STORM DRAIN STUB AT THE PROPERTY LINE SHALL BE CAPPED AND LOCATED WITH AN 8' LONG 2" X 4" BOARD, EMBEDDED TO THE STUB CAP AND EXTENDING AT LEAST 3 FEET ABOVE GRADE, AND MARKED PERMANENTLY "STORM". A COPPER 12 GA. LOCATE WIRE FIRMLY ATTACHED. THE STUB DEPTH SHALL BE INDICATED ON THE MARKER.
 7. ALL GRATES IN ROADWAYS SHALL BE DUCTILE IRON, BOLT-LOOKING, VAND GRATES PER THE STANDARD DETAILS. STRUCTURES IN TRAFFIC LANES OUTSIDE OF THE CURBLINE WHICH DO NOT COLLECT RUNOFF SHALL BE FITTED WITH ROUND, BOLT-LOOKING SOLID COVERS. OFF-STREET STRUCTURES WHICH DO NOT COLLECT RUNOFF SHALL BE FITTED WITH BOLT-LOOKING SOLID COVERS.
 8. VEGETATION/LANDSCAPING IN THE DETENTION POND AND/OR DRAINAGE SWALES) ARE AN INTEGRAL PART OF THE RUNOFF TREATMENT SYSTEM FOR THE PROJECT. SUCH DRAINAGE FACILITIES WILL NOT BE ACCEPTED UNTIL PLANTING IS COMPLETE.



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Designed: AS
Checked: TN
AS
Date: March 8, 2008
Submitted /Revisions