JENSEN PARK IMPROVEMENTS

PERMIT SET
11/14/2023
(PXX.XXX)

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko
Digitally signed by Amy Rusko
DN: C=US, E=arusko@arlingtonwa.gov, O=City of Arlington, OU=Community & Economic Development, CN=Amy Rusko
Date: 2023.12.18 11:11:49-08'00'

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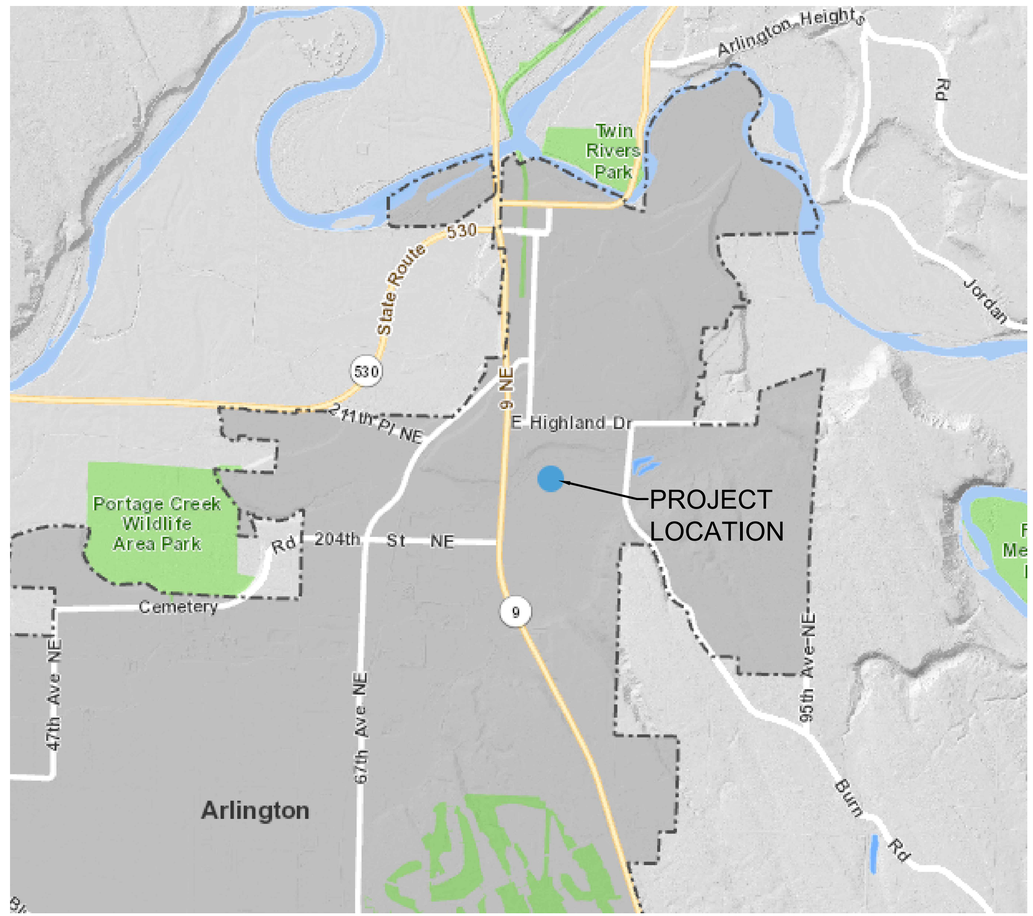

VICINITY MAP

City of Arlington Officials

MAYOR
BARBARA TOLBERT

COUNCIL MEMBERS
HEATHER LOGAN
DON VANNEY
DEBORA NELSON
MICHELE BLYTHE
MARILYN OERTLE
JAN SCHUETTE
YVONNE GALLARDO

PUBLIC WORKS DIRECTOR
JAMES X. KELLY, P.E.

811 Know what's below. Call before you dig.

PERMIT# PWD3566

PLAN CHECK	BY	DATE	DATE	NO.	REVISION	BY

DESIGNED BY: RODNEY PFIEFLE
DRAWN BY: RODNEY PFIEFLE

CITY OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX
FED PROJ NUMBER: _____

APPROVED FOR CONSTRUCTION
RYAN R. MORRISON
CITY ENGINEER
DATE APPROVED:

ERIC J. SCHMIDT, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 36704
11/14/23

TerraVista NW LLC
Consulting Engineers
3204 SMOKEY POINT DR. #207
ARLINGTON, WA 98223
360-691-9272
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JENSEN PARK IMPROVEMENTS
GENERAL INFORMATION

REFERENCE SHEET NO. C1

SHEET 1 OF 9 SHEETS

ARLINGTON STANDARD GENERAL NOTES

UNLESS NOTES OTHERWISE

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT EDITION OF THE CITY OF ARLINGTON PUBLIC WORKS STANDARDS AND SPECIFICATIONS, AND THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
2. IT IS THE SOLE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR TO OBTAIN A GRADING PERMIT, RIGHT-OF-WAY PERMIT, AND UTILITY PERMITS, FROM THE CITY. ALL REQUIRED PERMITS FROM OTHER AGENCIES MUST ALSO BE OBTAINED BY THE DEVELOPER/CONTRACTOR.
3. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE DEVELOPER/ CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE WITH THE CITY. THE CONSTRACTOR SHALL SCHEDULE THE PRECONSTRUCTION CONFERENCE BY CALLING (360) 403-3500. PRIOR TO SCHEDULING, THE CONTRACTOR MUST SUBMIT AND RECEIVE APPROVAL FOR THE TRAFFIC CONTROL PLAN, CITY PERMITS, TEMPORARY EROSION AND SEDIMENT CONTROL PLAN, PERFORMANCE BOND, COPY OF OTHER AGENCY PERMITS, A COPY OF THE CONTRACTOR'S LICENSE, AND PROOF OF INSURANCE COVERAGE.
4. A COPY OF THE APPROVED CONSTRUCTION PLANS MUST BE ON THE JOB SITE WHEN CONSTRUCTION IS IN PROGRESS.
5. ALL SITE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS. ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, THE CITY ENGINEER, AND OTHER APPROPRIATE PUBLIC AGENCIES.
6. ALL OF THE LOCATIONS OF THE EXISTING UTILITIES SHOWN IN THE PLANS HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHALL THEREFORE BE CONSIDERED APPROXIMATE AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS.
7. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION AND SHALL CONTACT THE UNDERGROUND UTILITIES LOCATE SERVICE (1-800-424-5555 OR 811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
8. INSPECTION AND ACCEPTANCE OF ALL WORK WILL BE ACCOMPLISHED BY REPRESENTATIVES OF THE CITY OF ARLINGTON. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE INSPECTOR MAY REQUIRE REMOVAL AND REPLACEMENT OF ITEMS THAT DO NOT MEET CITY STANDARDS OR WERE CONSTRUCTED WITHOUT INSPECTION.
9. THE CONTRACTOR SHALL KEEP THE ON-SITE AND OFF-SITE STREETS CLEAN AT ALL TIMES BY CLEANING WITH A SWEEPING AND/OR VACUUM TRUCK. WASHING OF THESE STREETS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE CITY INSPECTOR. 10. THE CONTRACTOR SHALL MAINTAIN TWO (2) SETS OF "ASBUILT" PLANS SHOWING ALL FIELD CHANGES AND MODIFICATIONS. IMMEDIATELY AFTER CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL DELIVER BOTH COPIES OF RED-LINED PLANS TO THE CITY.

   THE CITY WILL FORWARD ONE OF THE COPIES TO THE DESIGN ENGINEER.

ARLINGTON STANDARD TESC NOTES

UNLESS NOTES OTHERWISE

1. APPROVAL OF THE TEMPORARY EROSION/SEDIMENT CONTROL (TESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR STORM DRAINAGE DESIGN.
2. A TESC PLAN MEETING THE DOE STORM WATER MANAGEMENT MANUAL ADOPTED BY THE CITY SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO ANY WORK ON THE SITE. AN APPROVED COPY MUST BE MAINTAINED ON-SITE AND BE READILY AVAILABLE TO THE CITY INSPECTOR AT THEIR REQUEST.
3. THE TESC BMP'S SHOWN ON THE PLAN MUST BE INSTALLED PRIOR TO ALL OTHER CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, LEAVE THE SITE, OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE TESC PLAN IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE CITY.
4. THE BOUNDARIES OF THE CLEARING LIMITS, SHOWN ON THE TESC PLAN, SHALL BE CLEARLY FENCED OR FLAGGED IN THE FIELD PRIOR TO STARTING CONSTRUCTION. NO DISTURBANCE BEYOND THE FENCED OR FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FENCING AND/OR FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION PROJECT.
5. THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AND ADDED TO AS NEEDED, FOR UNEXPECTED STORM EVENTS AND TO REFLECT CHANGED CONDITIONS, AS REQUIRED BY THE CITY.
6. THE CONTRACTOR SHALL PROVIDE THE CITY A 24-HOUR EMERGENCY CONTACT PHONE NUMBER OF THE CONTRACTOR' CERTIFIED EROSION CONTROL SUPERVISOR PRIOR TO STARTING CONSTRUCTION.
7. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE CONTINUED FUNCTION AND OPERATION.
8. BETWEEN OCTOBER 1 AND APRIL 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN TWO (2) DAYS SHALL BE IMMEDIATELY COVERED BY MULCH, SOD OR PLASTIC COVERING. BETWEEN MAY 1 AND SEPTEMBER 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN SEVEN (7) DAYS SHALL BE IMMEDIATELY COVERED BY SEEDING OR OTHER APPROVED METHODS.
9. SEDIMENT DEPOSITS SHALL BE REMOVED FROM ALL CATCH BASINS, PRE-TREATMENT/SEDIMENT POND, AND SEDIMENT TRAPS UPON REACHING A DEPTH OF 12 INCHES.
10. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES, SHALL PROVIDE ADEQUATE STORAGE CAPACITY, AND SHALL BE CLEANED OUT ENTIRELY ONCE THE SITE IS STABILIZED. IF THE PERMANENT FACILITY IS TO ULTIMATELY FUNCTION AS AN INFILTRATION SYSTEM, THE FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN.
11. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROXIMATE RATE OF 120 LBS PER ACRE.
12. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 3 INCHES, OR 3,000 POUNDS PER ACRE.
13. SOIL STOCKPILES SHALL BE STABILIZED WITHIN 24 HOURS. WHEN ACTIVELY WORKING WITH THE SOIL STOCKPILE, STABILIZATION BY GROUND COVER BMP's SHALL OCCUR AT THE END OF EACH WORK DAY.
14. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
15. MAINTENANCE AND REPAIR OF TESC FACILITIES AND STRUCTURES SHALL BE CONDUCTED IMMEDIATELY UPON RECOGNITION OF A PROBLEM OR WHEN THE TESC MEASURES BECOME DAMAGED.
16. UPON COMPLETION OF THE PROJECT, ALL BMP'S SHALL BE REMOVED FROM THE SITE AND RIGHT OF WAY. IF BMP'S ARE REQUIRED TO REMAIN IN PLACE FOR FURTHER PROTECTION, ARRANGEMENTS FOR REMOVAL SHALL BE MADE WITH THE CITY INSPECTOR.
17. THE DUFF LAYER AND NATIVE TOPSOIL SHALL BE RETAINED IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICABLE. ALL AREAS SUBJECT TO CLEARING AND GRADING THAT WILL NOT BE COVERED BY IMPERVIOUS SURFACE, INCORPORATED INTO A DRAINAGE FACILITY OR ENGINEERED AS STRUCTURAL FILL OR SLOPE SHALL, AT THE PROJECT COMPLETION DEMONSTRATE THE REQUIREMENTS ESTABLISHED IN 2014 SWMMWW T5.13, POST-CONSTRUCTION SOIL QUALITY AND DEPTH.

ARLINGTON STANDARD DRAINAGE NOTES

UNLESS NOTES OTHERWISE

1. ALL STORM DRAINAGE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS AND CITY STANDARDS AND SPECIFICATIONS. ANY DEVIATION FROM THESE PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, THE CITY ENGINEER, AND OTHER APPROPRIATE PUBLIC AGENCIES.
2. ALL PIPE MATERIALS SHALL MEET THE REQUIREMENTS OF THE CITY STANDARDS AND SPECIFICATIONS. ACCEPTABLE STORM DRAINAGE PIPE MATERIALS INCLUDE CONCRETE, PVC, HDPE, AND DUCTILE IRON. CORRUGATED METAL PIPES (GALVANIZED ALUMINUM OR STEEL) ARE NOT ACCEPTED BY THE CITY. ALL PIPE JOINTS MUST HAVE GASKETS AND SHALL BE WATER TIGHT UNLESS OTHERWISE DIRECTED BY THE CITY.
3. PIPE BEDDING MATERIAL SHALL BE 5/8-INCH MINUS CRUSHED GRAVEL FOR ALL PIPE TYPES, EXCEPT DUCTILE IRON. BEDDING MATERIAL FOR DUCTILE IRON PIPE SHALL MEET THE REQUIREMENTS OF THE CITY'S STANDARDS AND SPECIFICATIONS (CHAPTER 4).
4. ALL TRENCH BACKFILL IN AREAS OF PAVEMENT OR STRUCTURAL LOADING SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY. ALL OTHER AREAS SHALL BE COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY.
5. ALL PIPE SHALL BE PLACED ON STABLE EARTH. IF IN THE OPINION OF THE CITY INSPECTOR, THE EXISTING TRENCH FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH GRAVEL BEDDING MATERIAL TO SUPPORT THE PIPE.
6. LOT DRAINAGE SYSTEMS, STUB-OUTS AND ANY DRAINS BEHIND THE SIDEWALK MUST BE INSTALLED AS REQUIRED PRIOR TO SIDEWALK CONSTRUCTION. STUB-OUTS SHALL BE MARKED WITH A 2"X4" WITH 3 FEET VISIBLE ABOVE GRADE AND MARKED "STORM". LOCATION AND DEPTH OF THESE INSTALLATIONS SHALL BE SHOWN ON THE AS-BUILT PLANS SUBMITTED TO THE CITY.
7. ALL CATCH BASINS SHALL BE TYPE 1 UNLESS OTHERWISE SHOWN ON THE PLANS AND APPROVED BY THE CITY. THE USE AND INSTALLATION OF INLETS IS DISCOURAGED.
8. ALL CATCH BASINS WITH A DEPTH OF 5 FEET (RIM TO INVERT) OR GREATER SHALL BE TYPE 2 CATCH BASINS EQUIPPED WITH 3/4-INCH DIAMETER SAFETY MANHOLE STEPS OR A MANHOLE LADDER PER CITY STANDARD DETAILS.
9. ALL GRATES SHALL BE MARKED "OUTFALL TO STREAM – DUMP NO POLLUTANTS". ALL SOLID COVER SHALL BE MARKED "DRAIN". ALL CATCH BASINS AND MANHOLES SHALL BE EQUIPPED WITH LOCKING FRAMES AND LIDS OR GRATES PER CITY STANDARD DETAILS.
10. ALL GRATES LOCATED IN THE GUTTER FLOW LINE (INLET AND CATCH BASIN) SHALL BE DEPRESSED 0.1 FOOT BELOW PAVEMENT LEVEL.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET AND CATCH BASIN FRAMES AND GRATES/COVERS TO GRADE JUST PRIOR TO CURB INSTALLATION AND/PAVING.
12. ALL RETENTION/DETENTION FACILITIES SHALL BE INSTALLED AND IN OPERATION PRIOR TO, OR IN CONJUNCTION WITH, ALL CONSTRUCTION ACTIVITY, UNLESS OTHERWISE APPROVED BY THE CITY.
13. DETENTION/RETENTION PONDS WITH SIDE SLOPES STEEPER THAN 3:1 OR WITH A MAXIMUM WATER DEPTH GREATER THAN 3 FEET SHALL BE ENCLOSED WITH A VINYL COATED CHAIN LINK FENCE.
14. BIO-FILTRATION SWALES AND/OR FILTER STRIPS SHALL BE CONSTRUCTED, BEDDED OR SEEDED AND IN OPERATION PRIOR TO, OR SODDED IN CONJUNCTION WITH, ASPHALT PAVING. THE VEGETATION IN THE BIO-SWALE MUST BE WELL ESTABLISHED BEFORE PAVING BEGINS.
15. STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED BY THE DEVELOPER PRIOR TO THE CITY'S ACCEPTANCE OF THE PROJECT.
16. WHEN INFILTRATION FACILITIES ARE CONSTRUCTED, COMPACTION OF SOIL IS NOT ALLOWED, AS THE DESIGN IS BASED ON NATURAL SOIL IN THE ORIGINAL LOCATION. VEHICLES SHALL NOT BE DRIVEN OVER THE INFILTRATION AREA DURING CONSTRUCTION.
17. IF THE CONTRACTOR ENCOUNTERS GROUNDWATER OR SOIL CONDITIONS DIFFERENT FROM THAT SHOWN IN THE PLANS DURING INFILTRATION SYSTEM INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR.

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko
Digitally signed by Amy Rusko
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CITY OF ARLINGTON
DEPARTMENT OF
PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX
FED PROJ NUMBER:

APPROVED FOR CONSTRUCTION

RYAN R. MORRISON
CITY ENGINEER

DATE APPROVED:

ERIC J. SCOTT, STATE OF WASHINGTON, 36704, REGISTERED PROFESSIONAL ENGINEER
11/14/23

TerraVista NW LLC
Consulting Engineers
3204 SMOKEY POINT DR. #207
ARLINGTON, WA 98223
360-691-9272
WWW.TERRAVISTANW.COM

JENSEN PARK IMPROVEMENTS

GENERAL NOTES

REFERENCE SHEET NO. C2

SHEET 2 OF 9 SHEETS

ARLINGTON STANDARD WATER NOTES
UNLESS NOTES OTHERWISE

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND CURRENT EDITION OF THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS. ANY CHANGES TO THE DESIGN REQUIRE CITY APPROVAL.
2. ALL MATERIALS SHALL CONFORM TO THE CITY STANDARDS AND SPECIFICATIONS AND SHALL BE APPROVED BY THE CITY PRIOR TO DELIVERY TO THE JOB SITE. MATERIAL SUBMITTALS ARE REQUIRED AND MUST BE APPROVED PRIOR TO SCHEDULING A PRE-CONSTRUCTION CONFERENCE.
3. WATER MAINS SHALL BE CEMENT-LINED DUCTILE IRON PIPE CLASS 52 UNLESS OTHERWISE APPROVED BY THE CITY.
4. ALL SERVICE LOCATIONS SHALL BE FIELD APPROVED BY THE CITY PRIOR TO INSTALLATION.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UNDERGROUND UTILITIES BY CALLING ONE-CALL UNDERGROUND UTILITY LOCATOR (1-800-424-5555) 48 HOURS PRIOR TO CONSTRUCTION.
6. ADEQUATE TRENCH SHEETING AND/OR SHORING SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY OSHA AND WISHA.
7. THE PIPE SHALL BE INSTALLED BY FOLLOWING THE FINISHED GRADE PROFILE WHEREVER POSSIBLE. THE DEPTH OF COVER SHALL BE TYPICALLY 36 INCHES (3 FEET), AND MAY BE UP TO 60 INCHES (5 FEET) WITH THE APPROVAL OF THE CITY ENGINEER. WATER MAINS UNDER THE STATE (OR COUNTY) HIGHWAYS SHALL MEET THE MINIMUM COVER DEPTHS REQUIRED BY WSDOT (OR SNOHOMISH COUNTY).
8. PIPE JOINT DEFLECTIONS SHALL NOT EXCEED ONE-HALF OF PIPE MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTIONS. BENDS MAY BE REQUIRED TO MAINTAIN PROPER WATER MAIN ALIGNMENT WITHIN EASEMENTS OR PUBLIC RIGHT-OF-WAY.
9. WATER MAIN SHALL NOT BE PLACED UNDER SIDEWALK, CURBS, GUTTERS, OR ANY PERMANENT STRUCTURES WITHOUT THE PRIOR APPROVAL OF THE CITY ENGINEER.
10. NO CONNECTION TO THE CITY WATER SYSTEM IS ALLOWED UNTIL THE NEW CONSTRUCTION PASSES PRESSURE AND PURITY TESTS, AND HAS BEEN APPROVED AND ACCEPTED BY THE CITY.
11. PRIOR TO MAKING CONNECTIONS TO THE EXISTING SYSTEM, CONTRACTOR SHALL FIELD VERIFY THE LOCATION, DEPTH AND MATERIAL OF EXISTING WATER MAINS AT THE POINT OF CONNECTION.
12. ALL WATER LINES SHALL BE A MINIMUM OF 10 FEET HORIZONTAL CLEARANCE FROM SANITARY SEWERS. WHEN WATER LINES CROSS SEWER LINES, THE MINIMUM VERTICAL CLEARANCE SHALL BE 18 INCHES.
13. TO FILL THE MAIN FOR FLUSHING, PRESSURE AND PURITY TESTS, THE CONTRACTOR IS REQUIRED TO USE AN APPROVED METER AND DCVA. THE HYDRANT SHALL REMAIN IN THE FULL OPEN POSITION TO PREVENT BACK-SIPHONAGE THROUGH THE DRAIN HOLE. AFTER SUCCESSFUL TESTING, THE CONTRACTOR WILL TIE INTO THE EXISTING SYSTEM, USING DISINFECTED SLEEVES AND SPOOL PIECES.
14. THE CONTRACTOR SHALL CONTACT THE CITY FOR VALVE OPERATION. ONLY AUTHORIZED REPRESENTATIVES OF THE CITY CAN OPERATE VALVES IN THE CITY WATER SYSTEM.
15. THE CONTRACTOR IS HEREBY NOTIFIED THAT, SINCE FILLING AND FLUSHING WILL BE DONE THROUGH A CROSS-CONNECTION CONTROL DEVICE, LOW VELOCITY FLOWS MAY BE ENCOUNTERED. THEREFORE, EVERY ATTEMPT SHALL BE MADE TO KEEP THE PIPE CLEAN DURING INSTALLATION. THIS MAY INCLUDE SWABBING THE PIPE WITH CHLORINATED WATER.
16. THE CONTRACTOR SHALL PERFORM TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL, DUST CONTROL, NOISE CONTROL, AND TRAFFIC CONTROL AS REQUIRED BY THE CITY OR OTHER APPLICABLE AGENCIES.
17. CUTTING AND PATCHING OF ROAD WAYS SHALL CONFORM TO THE REQUIREMENTS OF THE RIGHT-OF-WAY PERMIT OF THE CITY OR OTHER APPLICABLE AGENCY.
18. ALL IN-LINE PIPE JOINTS SHALL BE RESTRAINED WITH FIELD LOCK GASKETS.
19. ALL FITTINGS SHALL BE RESTRAINED JOINTS AND HAVE THRUST BLOCKING.

ARLINGTON STANDARD SEWER NOTES
UNLESS NOTES OTHERWISE

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS, AND CURRENT EDITION OF THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS. ANY CHANGES TO THE DESIGN REQUIRES CITY APPROVAL.
2. ALL MATERIALS SHALL CONFORM TO THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS AND THE MATERIAL SUBMITTALS SHALL BE APPROVED BY THE CITY BEFORE SCHEDULING THE PRECONSTRUCTION CONFERENCE AND BEFORE THE MATERIALS ARE DELIVERED TO THE JOB SITE. ONCE THE MATERIALS ARE DELIVERED TO THE JOB SITE THE INSPECTOR WILL DETERMINE IF THE MATERIALS WERE MANUFACTURED TO MEET THE REQUIREMENTS OF THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS BEFORE THE MATERIALS CAN BE INSTALLED.
3. ALL SEWER MAINS AND SIDE SEWER STUBS SHALL BE FIELD STAKED FOR GRADES AND ALIGNMENT BY A SURVEYOR PRIOR TO CONSTRUCTION. THE CONSTUCTION STAKES MUST SHOW THE STATION AND OFFSET TO THE ALIGNMENT.
4. THE CITY OF ARLINGTON WASTEWATER DIVISION SHALL BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF A TAP OR CONNECTION TO AN EXISTING SANITARY SEWER MAIN. THE INSPECTOR SHALL BE PRESENT AT THE TIME OF THE TAP OR CONNECTION.
5. GRAVITY SEWERS, INCLUDING SIDE SEWERS, WITH 5 TO 14 FEET OF COVER SHALL BE PVC ASTM D 3034 SDR 35. GRAVITY SEWER MAINS WITH LESS THAN 5 FEET OR GREATER THAN 14 FEET OF COVER SHALL BE DUCTILE IRON PIPE CLASS 52, OR C-900 PVC. IF DUCTILE IRON PIPE IS USED FOR SEWER, THE PIPE INTERIOR SHALL BE EPOXY COATED (NOT CEMENT-LINED).
6. PRE-CAST MANHOLES SHALL MEET THE REQUIREMENTS OF ASTM C-478. JOINTS SHALL BE RUBBER GASKETED AND GROUTED BOTH INSIDE AND OUTSIDE OF THE MANHOLE PER CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS. ALL LIFT HOLES CUT THROUGH THE WALLS OF THE MANHOLE SHALL BE GROUTED FROM THE INSIDE AND OUTSIDE OF THE MANHOLE TO BE WATERTIGHT. ADDITIONAL WATERPROOFING MAY BE REQUIRED.
7. SIDE SEWER SERVICES SHALL BE PVC ASTM D 3034 SDR 35 WITH FLEXIBLE GASKETED JOINTS. SIDE SEWER CONNECTIONS SHALL BE MADE BY A TAP TO AN EXISTING MAIN OR A TEE FROM A NEW MAIN CONNECTED ABOVE THE SPRING LINE OF THE PIPE. WYES ARE NOT ALLOWED ON LINES 8" OR LARGER. SIDE SEWERS CAN NOT BE INSTALLED UNDER DRIVEWAYS UNLESS APPROVED BY THE CITY INSPECTOR.
8. ALL SEWER PIPE SHALL BE INSTALLED WITH A CONTINUOUS TRACER TAPE 24" – 48" UNDER THE PROPOSED FINISHED SUBGRADE, OR AS DIRECTED BY THE CITY INSPECTOR. THE MARKER SHALL BE PLASTIC, NON-BIODEGRADABLE, METAL CORE, AND DETECTABLE, WITH BACKING MARKED "SEWER".
9. SIDE SEWERS SHALL BE INSTALLED BY THE DEVELOPER AND COORDINATED FOR CLEARANCE WITH POWER, GAS, TELEPHONE, CABLE, AND OTHER UTILITIES. SIDE SEWERS SHALL BE A MINIMUM OF 10 FEET BEYOND PROPERTY LINES AND 5' BEYOND ANY EASEMENT.
10. THE SEWER PIPE SHALL BE INSTALLED STARTING FROM DOWNSTREAM OF THE POINT OF CONNECTION ON THE EXISTING SEWER OR FROM A DESIGNATED STARTING POINT. THE SEWER PIPE SHALL BE INSTALLED WITH THE BELL END UPSTREAM.
11. ADEQUATE TRENCH SHEETING AND/OR SHORING SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY OSHA AND WISHA.
12. TO PREVENT WATER OR DEBRIS FROM DISCHARGING INTO THE CITY'S EXISTING SEWER SYSTEM, THE CONTRACTOR SHALL INSTALL A PLUG IN THE CONNECTION MANHOLE OR AS DIRECTED BY THE CITY INSPECTOR. THE PLUG SHALL NOT BE REMOVED UNTIL THE SEWER IS ACCEPTED BY THE CITY.
13. ALL SEWER LINES SHALL MAINTAIN A MINIMUM OF 10 FEET HORIZONTAL CLEARANCE AND A MINIMUM OF 18 INCHES VERTICAL CLEARANCE FROM WATER LINES. SEE STANDARDS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND ALTERNATIVES.
14. PIPE BEDDING SHALL BE IN ACCORDANCE WITH THE CITY OF ARLINGTON STANDARD AND WSDOT STANDARD SPECIFICATIONS. 3/8-INCH MINUS MANUFACTURED CLEAN PEA GRAVEL IS THE REQUIRED BEDDING MATERIAL. ALL PIPE SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION. THIS SHALL INCLUDE NECESSARY LEVELING OF THE TRENCH BOTTOM OR THE TOP OF THE FOUNDATION MATERIALS AS WELL AS PLACEMENT AND COMPACTION OF REQUIRED BEDDING MATERIAL TO UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF THE PIPE WILL BE SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE.
15. THE CONTRACTOR SHALL COMPACT TRENCH BACKFILL WITHIN THE CITY RIGHT-OF-WAY TO AT LEAST 90% MAXIMUM DRY DENSITY FROM THE BOTTOM OF THE TRENCH TO A DEPTH OF 3' BELOW THE SURFACE. THE TRENCH BACKFILL MUST BE COMPACTED TO AT LEAST 95% MAXIMUM DENSITY WITHIN 3' OF THE SURFACE. ASPHALT MUST BE COMPACTED TO MEET THE REQUIREMENTS ON THE PLANS. ALL COMPACTION TESTS ARE AT THE DEVELOPER'S EXPENSE.

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JENSEN PARK IMPROVEMENTS
GENERAL NOTES

REFERENCE SHEET NO. C3
SHEET 3 OF 9 SHEETS

ELEMENTS OF CONSTRUCTION SWPPP

1. PRESERVE VEGETATION / MARK CLEARING LIMITS

BEFORE BEGINNING LAND DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRADING, CLEARLY MARK ALL CLEARING LIMITS, SENSITIVE AREAS AND THEIR BUFFERS, AND TREES THAT ARE TO BE PRESERVED WITHIN THE CONSTRUCTION AREA.

RETAIN THE DUFF LAYER, NATIVE TOP SOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM DEGREE PRACTICAL. IF IT IS NOT PRACTICAL TO RETAIN THE DUFF LAYER IN PLACE, THEN STOCKPILE IT ON-SITE, COVER IT TO PREVENT EROSION, AND REPLACE IT IMMEDIATELY WHEN YOU FINISH DISTURBING THE SITE.

BMP's
- C101: PRESERVING NATURAL VEGETATION
- C102: BUFFER ZONES
- ➤C103: HIGH VISIBILITY FENCE
- C233: SILT FENCE

2. ESTABLISH CONSTRUCTION ACCESS

LIMIT CONSTRUCTION VEHICLE ACCESS AND EXIT TO ONE ROUTE, IF POSSIBLE. STABILIZE ACCESS POINTS WITH A PAD OF QUARRY SPALLS, CRUSHED ROCK, OR OTHER EQUIVALENT BMPS, TO MINIMIZE TRACKING SEDIMENT ONTO ROADS. LOCATE WHEEL WASH OR TIRE BATHS ON SITE, IF THE STABILIZED CONSTRUCTION ENTRANCE IS NOT EFFECTIVE IN PREVENTING TRACKING SEDIMENT ONTO ROADS. IF SEDIMENT IS TRACKED OFF SITE, CLEAN THE AFFECTED ROADWAY THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY (FOR EXAMPLE, DURING WET WEATHER). REMOVE SEDIMENT FROM ROADS BY SHOVELING, SWEEPING, OR PICK UP AND TRANSPORT THE SEDIMENT TO A CONTROLLED SEDIMENT DISPOSAL AREA. CONDUCT STREET WASHING ONLY AFTER SEDIMENT IS REMOVED IN ACCORDANCE WITH THE ABOVE BULLET. CONTROL STREET WASH WASTEWATER BY PUMPING BACK ON SITE OR OTHERWISE PREVENTING IT FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE. MINIMIZE CONSTRUCTION SITE ACCESS POINTS ALONG LINEAR PROJECTS, SUCH AS ROADWAYS. STREET WASHING MAY REQUIRE LOCAL JURISDICTION APPROVAL.

BMP's
- ➤C105: STABILIZE CONSTRUCTION ENTRANCE/EXIT
- C106: WHEEL WASH
- C107: CONSTRUCTION ROAD/PARKING AREA STABILIZATION

3. CONTROL FLOW RATES

PROTECT PROPERTIES AND WATERWAYS DOWNSTREAM OF DEVELOPMENT SITES FROM EROSION AND THE ASSOCIATED DISCHARGE OF TURBID WATERS DUE TO INCREASES IN THE VELOCITY AND PEAK VOLUMETRIC FLOW RATE OF STORMWATER RUNOFF FROM THE PROJECT SITE. WHERE NECESSARY, CONSTRUCT STORMWATER RETENTION OR DETENTION FACILITIES AS ONE OF THE FIRST STEPS IN GRADING. ASSURE THAT DETENTION FACILITIES FUNCTION PROPERLY BEFORE CONSTRUCTING SITE IMPROVEMENTS (E.G. IMPERVIOUS SURFACES). IF PERMANENT INFILTRATION PONDS ARE USED FOR FLOW CONTROL DURING CONSTRUCTION, PROTECT THESE FACILITIES FROM SILTATION DURING THE CONSTRUCTION PHASE.

BMP's
- C203: WATER BARS
- C207: CHECK DAMS
- C209: OUTLET PROTECTION
- C235: WATTLES
- C240: SEDIMENT TRAP
- C241: TEMPORARY SEDIMENT POND

4. INSTALL SEDIMENT CONTROLS

INSTALL AND MAINTAIN EFFECTIVE EROSION CONTROLS AND SEDIMENT CONTROLS TO MINIMIZE THE DISCHARGE OF POLLUTANTS. CONSTRUCT SEDIMENT CONTROL BMPS (SEDIMENT PONDS, TRAPS, FILTERS, ETC.) PRIOR TO GRADING.

BMP's
- C231: BRUSH BARRIER
- C232: GRAVEL FILTER BERM
- C233: SILT FENCE
- C234: VEGETATED STRIP
- C235: WATTLES
- C240: SEDIMENT TRAP
- C241: TEMPORARY SEDIMENT POND
- C250: CONSTRUCTION STORMWATER CHEMICAL TREATMENT
- C251: CONSTRUCTION STORMWATER FILTRATION

5. STABILIZE SOILS

SOILS MUST NOT REMAIN EXPOSED AND UNWORKED FOR MORE THAN THE TIME PERIODS SET FORTH BELOW TO PREVENT EROSION.

DURING THE DRY SEASON (MAY 1 – SEPT. 30): 7 DAYS.

DURING THE WET SEASON (OCTOBER 1 – APRIL 30): 2 DAYS.

STABILIZE SOILS AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. STABILIZE SOIL STOCKPILES FROM EROSION, PROTECT WITH SEDIMENT TRAPPING MEASURES, AND WHERE POSSIBLE, BE LOCATED AWAY FROM STORM DRAIN INLETS, WATERWAYS, AND DRAINAGE CHANNELS. MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITY. MINIMIZE THE DISTURBANCE OF STEEP SLOPES.

BMP's
- C120: TEMPORARY AND PERMANENT SEEDING
- C121: MULCHING
- C122: NETS AND BLANKETS
- C123: PLASTIC COVERING
- C124: SODDING
- C125: TOPSOILING / COMPOSTING
- C126: POLYACRYLAMIDE (PAM) FOR SOIL EROSION PROTECTION
- C130: SURFACE ROUGHENING
- C131: GRADIENT TERRACES
- C140: DUST CONTROL

6. PROTECT SLOPES

DIVERT OFF-SITE STORMWATER (RUN-ON) OR GROUND WATER AWAY FROM SLOPES AND DISTURBED AREAS WITH INTERCEPTOR DIKES, PIPES, AND/OR SWALES. OFF-SITE STORMWATER SHOULD BE MANAGED SEPARATELY FROM STORMWATER GENERATED ON THE SITE. PLACE EXCAVATED MATERIAL ON THE UPHILL SIDE OF TRENCHES, CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS.

BMP's
- C120: TEMPORARY AND PERMANENT SEEDING
- C121: MULCHING
- C122: NETS AND BLANKETS
- C123: PLASTIC COVERING
- C124: SODDING
- C130: SURFACE ROUGHENING
- C131: GRADIENT TERRACES
- C200: INTERCEPTOR DIKE AND SWALE
- C201: GRASS-LINED CHANNELS
- C203: WATER BARS
- C204: PIPE SLOPE DRAINS
- C205: SUBSURFACE DRAINS
- C206: LEVEL SPREADER
- C207: CHECK DAMS
- C208: TRIANGULAR SILT DIKE (TSD)(GEOTEXTILE-ENCASED CHECK DAM)

7. PROTECT DRAIN INLETS

PROTECT ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SO THAT STORMWATER RUNOFF DOES NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT. CLEAN OR REMOVE AND REPLACE INLET PROTECTION DEVICES WHEN SEDIMENT HAS FILLED ONE-THIRD OF THE AVAILABLE STORAGE (UNLESS A DIFFERENT STANDARD IS SPECIFIED BY THE PRODUCT MANUFACTURER). INLETS SHOULD BE INSPECTED WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS.

BMP's
- ➤C220: STORM DRAIN INLET PROTECTION

8. STABILIZE CHANNELS AND OUTFALLS

CONSTRUCT AND STABILIZE ALL ON-SITE CONVEYANCE CHANNELS TO PREVENT EROSION. PROVIDE STABILIZATION, INCLUDING ARMORING MATERIAL, ADEQUATE TO PREVENT EROSION OF OUTLETS, ADJACENT STREAMBANKS, SLOPES, AND DOWNSTREAM REACHES AT THE OUTLETS OF ALL CONVEYANCE SYSTEMS. STABILIZE CHANNEL BY PLACING BLANKET PRODUCT FIRST, THEN ADD CHECK DAMS AS NECESSARY TO FUNCTION AS AN ANCHOR AND TO SLOW THE FLOW OF WATER.

BMP's
- C202: CHANNEL LINING
- C122: NETS AND BLANKETS
- C207: CHECK DAMS
- C209: OUTLET PROTECTION

9. CONTROL POLLUTANTS

INSTALL, IMPLEMENT, AND MAINTAIN EFFECTIVE POLLUTION PREVENTION MEASURES TO MINIMIZE THE DISCHARGE OF POLLUTANTS. HANDLE AND DISPOSE OF ALL POLLUTANTS, INCLUDING WASTE MATERIALS AND DEMOLITION DEBRIS THAT OCCUR ON-SITE IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.

BMP's
- C151: CONCRETE HANDLING
- C152: SAWCUTTING AND SURFACING POLLUTION PREVENTION
- C153: MATERIAL DELIVERY, STORAGE AND CONTAINMENT
- C154: CONCRETE WASHOUT AREA
- C250: CONSTRUCTION STORMWATER CHEMICAL TREATMENT
- C251: CONSTRUCTION STORMWATER FILTRATION
- C252: HIGH PH NEUTRALIZATION USING CO2
- C253: PH CONTROL FOR HIGH PH WATER

10. CONTROL DEWATERING

DISCHARGE CLEAN, NON-TURBID DE-WATERING WATER, SUCH AS WELL-POINT GROUND WATER, TO SYSTEMS TRIBUTARY TO, OR DIRECTLY INTO SURFACE WATERS OF THE STATE, AS SPECIFIED IN ELEMENT #8, PROVIDED THE DE-WATERING FLOW DOES NOT CAUSE EROSION OR FLOODING OF RECEIVING WATERS OR INTERFERE WITH THE OPERATION OF THE SYSTEM. HANDLE HIGHLY TURBID OR CONTAMINATED DEWATERING WATER SEPARATELY FROM STORMWATER.

BMP's
- C203: WATER BARS
- C236: VEGETATIVE FILTRATION

11. MAINTAIN BMP's

KEEP QUANTITIES OF EROSION PREVENTION AND SEDIMENT CONTROL MATERIALS ON THE PROJECT SITE AT ALL TIMES TO BE USED FOR REGULAR MAINTENANCE AND EMERGENCY SITUATIONS SUCH AS UNEXPECTED HEAVY SUMMER RAINS. MAINTAIN AND REPAIR ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BMPS AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION IN ACCORDANCE WITH BMP SPECIFICATIONS. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPS WITHIN 30 DAYS AFTER ACHIEVING FINAL SITE STABILIZATION OR AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. PROVIDE PROTECTION TO ALL BMPS INSTALLED FOR THE PERMANENT CONTROL OF STORMWATER FROM SEDIMENT AND COMPACTION. ALL BMPS THAT ARE TO REMAIN IN PLACE FOLLOWING COMPLETION OF CONSTRUCTION SHALL BE EXAMINED AND PLACED IN FULL OPERATING CONDITIONS. IF SEDIMENT ENTERS THE BMPS DURING CONSTRUCTION, IT SHALL BE REMOVED AND THE FACILITY SHALL BE RETURNED TO THE CONDITIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.

12. MANAGE THE PROJECT

INSPECT, MAINTAIN, AND REPAIR ALL BMPS AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. CONDUCT SITE INSPECTIONS AND MONITORING IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER GENERAL PERMIT OR LOCAL PLAN APPROVAL AUTHORITY. MAINTAIN, UPDATE, AND IMPLEMENT THE SWPPP IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER GENERAL PERMIT. ALL BMPS MUST BE INSPECTED, MAINTAINED, AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. SITE INSPECTIONS MUST BE CONDUCTED BY A PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROL.

13. PROTECT LOW IMPACT DEVELOPMENT

PROTECT ALL BIORETENTION AND RAIN GARDEN BMPS FROM SEDIMENTATION THROUGH INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL BMPS ON PORTIONS OF THE SITE THAT DRAIN INTO THE BIORETENTION AND/OR RAIN GARDEN BMPS. RESTORE THE BMPS TO THEIR FULLY FUNCTIONING CONDITION IF THEY ACCUMULATE SEDIMENT DURING CONSTRUCTION. RESTORING THE BMP MUST INCLUDE REMOVAL OF SEDIMENT AND ANY SEDIMENT-LADEN BIORETENTION/RAIN GARDEN SOILS, AND REPLACING THE REMOVED SOILS WITH SOILS MEETING THE DESIGN SPECIFICATION.

PREVENT COMPACTING BIORETENTION AND RAIN GARDEN BMPS BY EXCLUDING CONSTRUCTION EQUIPMENT AND FOOT TRAFFIC. PROTECT COMPLETED LAWN AND LANDSCAPED AREAS FROM COMPACTION DUE TO CONSTRUCTION EQUIPMENT.

CONTROL EROSION AND AVOID INTRODUCING SEDIMENT FROM SURROUNDING LAND USES ONTO PERMEABLE PAVEMENTS. DO NOT ALLOW MUDDY CONSTRUCTION EQUIPMENT ON THE BASE MATERIAL OR PAVEMENT. DO NOT ALLOW SEDIMENT-LADEN RUNOFF ONTO PERMEABLE PAVEMENTS.

PAVEMENTS FOULED WITH SEDIMENTS OR NO LONGER PASSING AN INITIAL INFILTRATION TEST MUST BE CLEANED USING PROCEDURES FROM THE LOCAL STORMWATER MANUAL OR THE MANUFACTURER'S PROCEDURES.

KEEP ALL HEAVY EQUIPMENT OFF EXISTING SOILS UNDER LID FACILITIES THAT HAVE BEEN EXCAVATED TO FINAL GRADE TO RETAIN THE INFILTRATION RATE OF THE SOILS.

LEGEND

➤ DENOTES MINIMUM REQUIRED BMP's. AS SITE WORK PROGRESSES, CONTRACTOR MAY NEED TO INSTALL ADDITIONAL BMP's AS NEEDED.

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko
Digitally signed by Amy Rusko
DN: CN=Amy Rusko, O=City of Arlington, OU=Community Development, E=arusko@arlingtonwa.gov
Date: 2023.12.18 11:11:49-08'00'

811 Know what's below. Call before you dig.

PERMIT# PWD3566

PLAN CHECK	BY	DATE					
			DATE	NO.	REVISION		BY
			DESIGNED BY: RODNEY PFIEFLE		DRAWN BY: RODNEY PFIEFLE		

CITY OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX
FED PROJ NUMBER: _____

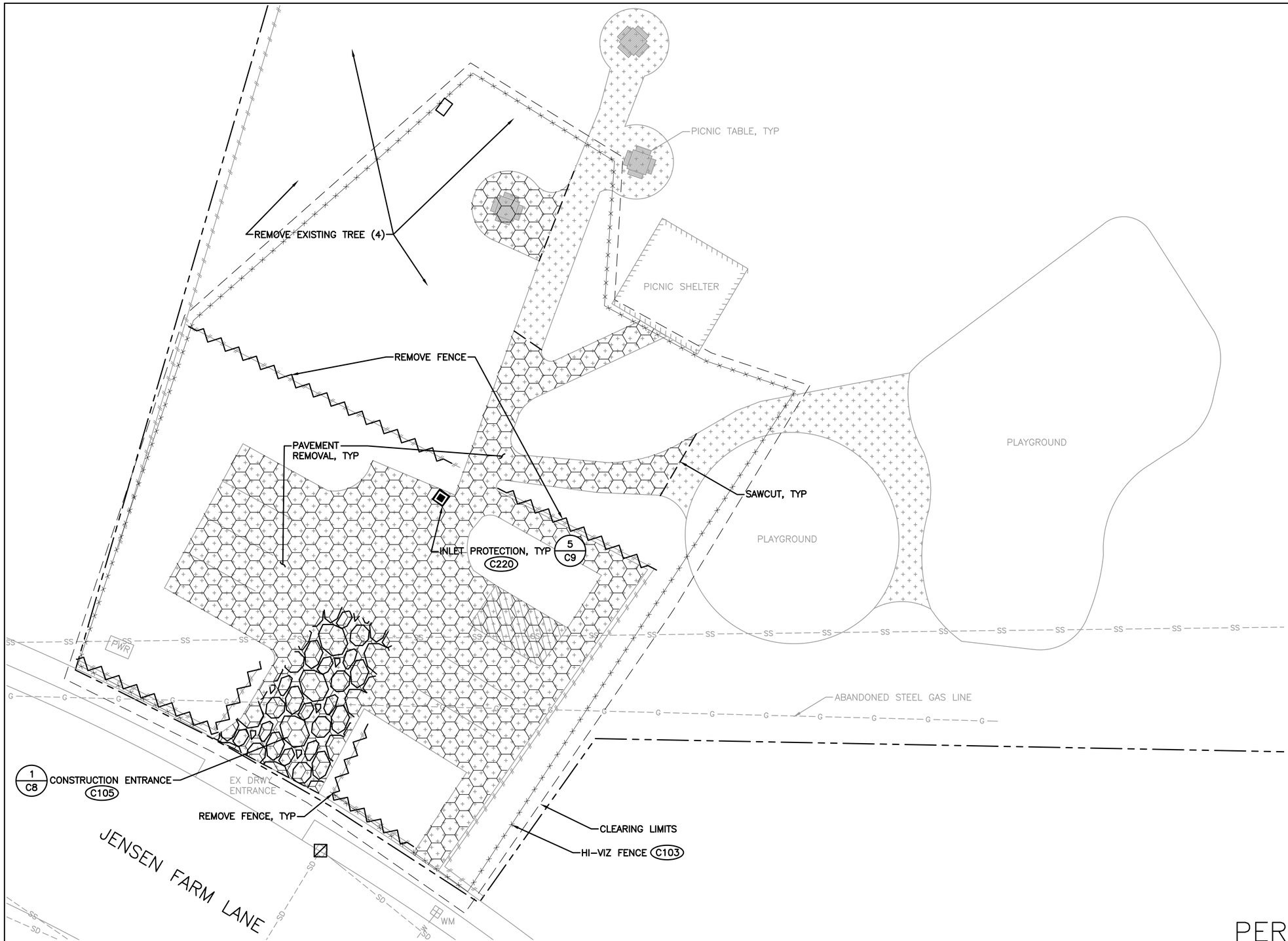
APPROVED FOR CONSTRUCTION
RYAN R. MORRISON
CITY ENGINEER
DATE APPROVED:

ERIC J. SCHMITT STATE OF WASHINGTON 36704 REGISTERED PROFESSIONAL ENGINEER
11/14/23

TerraVista NW LLC
Consulting Engineers
3204 SMOKEY POINT DR. #207
ARLINGTON, WA 98223
360-691-9272
WWW.TERRAVISTANW.COM

JENSEN PARK IMPROVEMENTS
SWPPP NOTES

REFERENCE SHEET NO. C4
SHEET 4 OF 9 SHEETS



0 10 20
Scale in Feet

NOTES:

1. SEE SHEET C1 AND C2 FOR GENERAL INFORMATION.

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko
Digitally signed by Amy Rusko
DN: C=US, E=arusko@arlingtonwa.gov, O=City of Arlington, OU=Community & Economic Development, CN=Amy Rusko
Date: 2023.12.18 11:11:49-08'00'

PERMIT# PWD3566

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PLAN CHECK	BY	DATE					
			DATE	NO.	REVISION	BY	
			DESIGNED BY: RODNEY PFIEFLE		DRAWN BY: RODNEY PFIEFLE		

CITY OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX
FED PROJ NUMBER:

APPROVED FOR CONSTRUCTION

RYAN R. MORRISON
CITY ENGINEER

DATE APPROVED:

STATE OF WASHINGTON ERIC J SCOTT 36794 REGISTERED PROFESSIONAL ENGINEER
11/14/23

TerraVista NW LLC
Consulting Engineers
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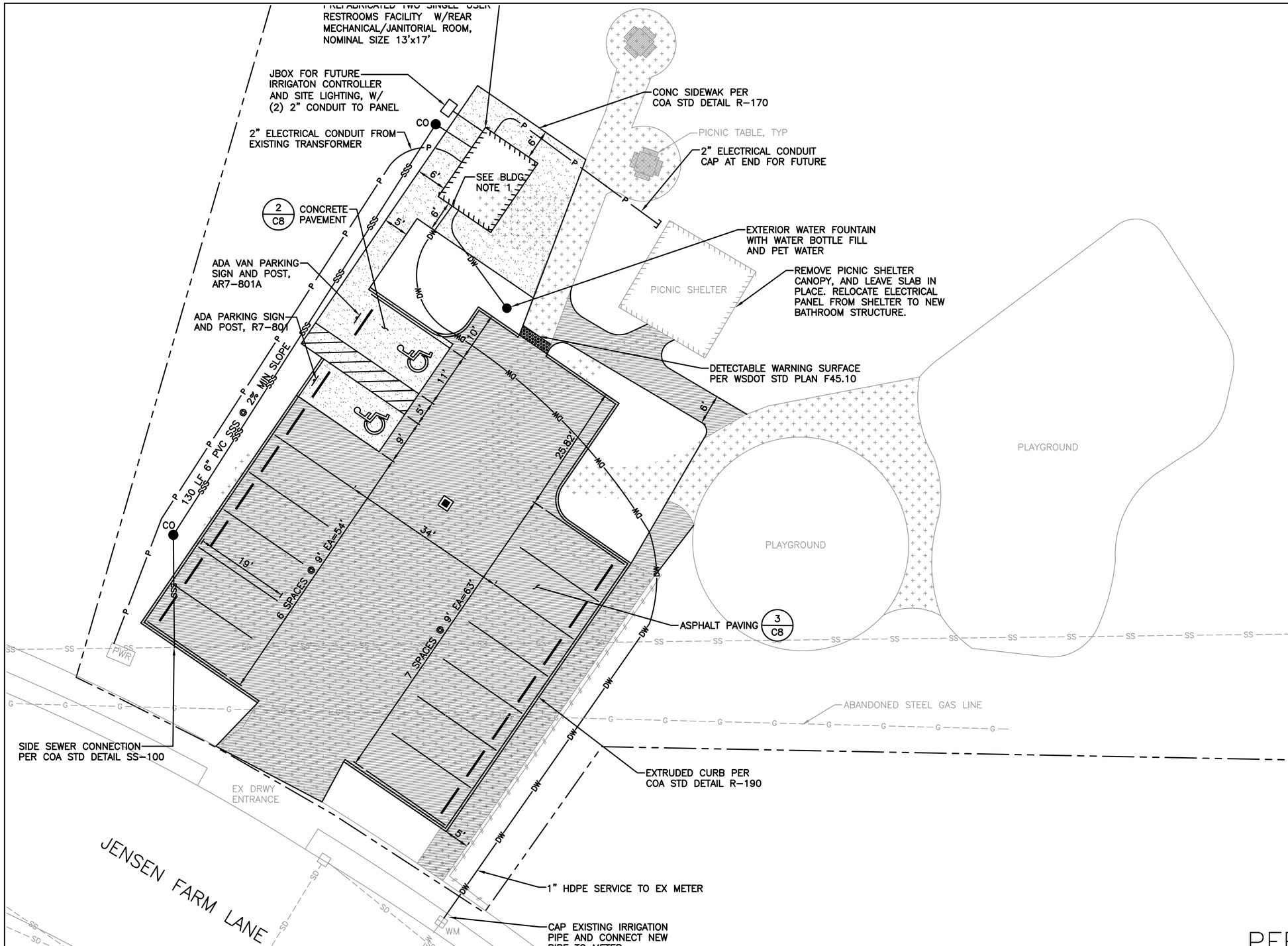
JENSEN PARK IMPROVEMENTS
SWPPP & DEMO PLAN

REFERENCE SHEET NO. C5

SHEET 5 OF 9 SHEETS



NOTES:

1. SEE SHEET C1 AND C2 FOR GENERAL INFORMATION.

BATHROOM STRUCTURE SHALL INCLUDE:

1. WATER SERVICE CONNECTION TO SUPPLY:
   - A. (1 EA) EXTERIOR HOSEBIB AT RESTROOM BUILDING
   - B. (1 EA) UTILITY SINK IN REAR MECHANICAL ROOM
   - C. (2 EA) RESTROOM LAVATORIES AND OTHER RESTROOM FIXTURES
   - D. (1 EA) WATER FOUNTAIN
2. APPROVED RPBA REQUIRED IN MECHANICAL ROOM
3. FLOOR DRAINS TO BE SUPPLIED IN MECHANICAL ROOM AND BOTH RESTROOMS AND PLUMB TO SEWER.
4. RESTROOM BUILDING TO INCLUDE ELECTRICAL WIRING FOR DOOR LOCKS.
5. RESTROOM FIXTURES TO BE STAINLESS STEEL AND MOTION CONTROLLED.
6. ELECTRICAL CONDUIT TO BE SUPPLIED FOR FUTURE SECURITY CAMERA AT PEAK OF RESTROOM BUILDING ROOF.
7. FOUNDATION SLAB AND/OR FOOTINGS

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko

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			DESIGNED BY: RODNEY PFIEFLE		DRAWN BY: RODNEY PFIEFLE		

CITY OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX
FED PROJ NUMBER: _____

APPROVED FOR CONSTRUCTION
RYAN R. MORRISON
CITY ENGINEER
DATE APPROVED:

STATE OF WASHINGTON ERIC J. SCHMIDT 36704 REGISTERED PROFESSIONAL ENGINEER
11/14/23

TerraVista NW LLC
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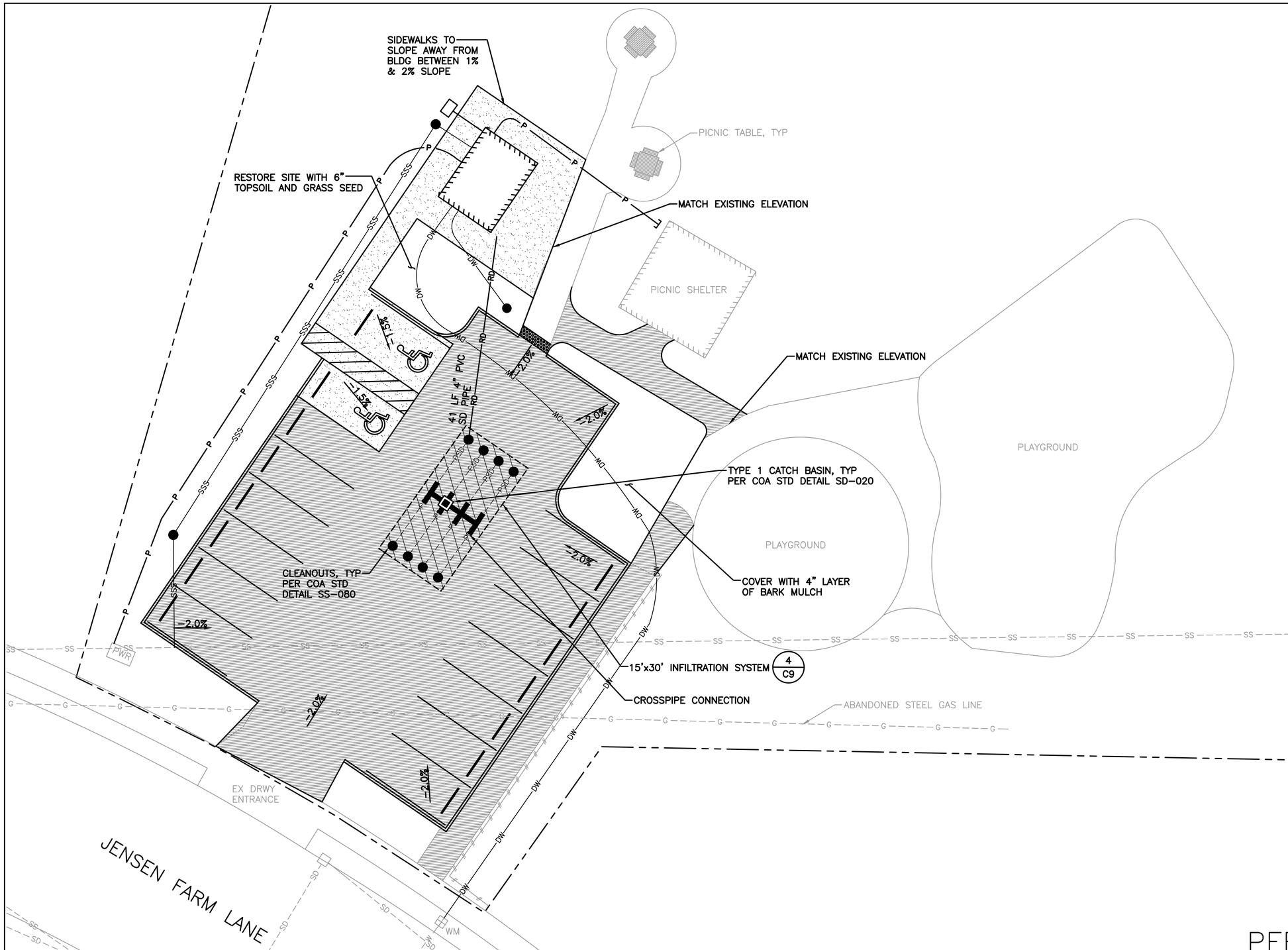
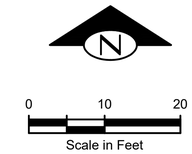
JENSEN PARK IMPROVEMENTS PAVING/UTILITY PLAN

REFERENCE SHEET NO. C6

SHEET 6 OF 9 SHEETS





NOTES:

1. SEE SHEET C1 AND C2 FOR GENERAL INFORMATION.

EARTHWORK

SITE CUT AND FILL QUANTITIES ARE CALCULATED FROM AVAILABLE INFORMATION PROVIDED BY THE OWNER PRIOR TO CONSTRUCTION. ACTUAL QUANTITIES WILL VARY. QUANTITIES SHOWN ARE FOR PERMITTING PURPOSES ONLY AND SHALL NOT BE USED FOR BIDDING. BIDDERS SHALL PERFORM THEIR OWN QUANTITY TAKEOFFS.

CUT..... 400 CY
FILL..... 230 CY

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko
Digitally signed by Amy Rusko
DN: c=US, o=arlingtonwa.gov, ou=City of Arlington, OU=Community & Economic Development, CN=Amy Rusko
Date: 2023.12.18 11:49:08'00'

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PLAN CHECK	BY	DATE					
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			DESIGNED BY: RODNEY PFIEFLE		DRAWN BY: RODNEY PFIEFLE		

CITY OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX
FED PROJ NUMBER:

APPROVED FOR CONSTRUCTION

RYAN R. MORRISON
CITY ENGINEER

DATE APPROVED:

ERIC J SCHMIDT STATE OF WASHINGTON 36704 REGISTERED PROFESSIONAL ENGINEER
11/14/23

TerraVista NW LLC
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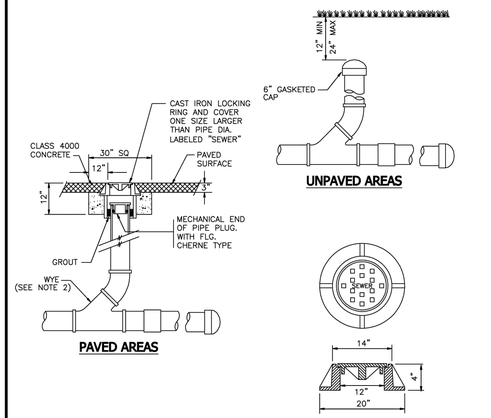
JENSEN PARK IMPROVEMENTS GRADING/UTILITY PLAN

REFERENCE SHEET NO. C7

SHEET 7 OF 9 SHEETS



UNPAVED AREAS

PAVED AREAS

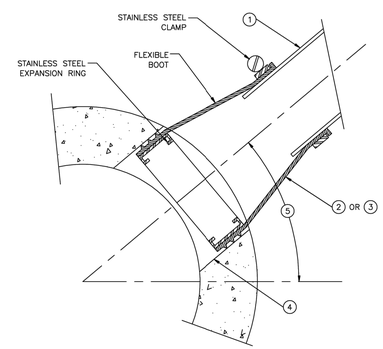
12" CAST IRON LOCKING RING AND COVER

OLYMPIC M1025 OR APPROVED EQUAL

NOTES:

1. CLEAN-OUT PIPE AND FITTINGS SHALL BE THE SAME MATERIAL AS THE SEWER MAIN.
2. A SANITARY TEE, SWEEP, OR STRAIGHT TEE IS NOT ACCEPTABLE.
3. SEWER STUB WILL BE EXTENDED 10' BEYOND PROPERTY LINE AND 5' BEYOND UTILITY EASEMENTS TO PREVENT DAMAGE TO CLEAN-OUT AND MINIMIZE CONFLICTS WITH OTHER UTILITIES WHEN SERVICE TO BUILDING IS ACCOMPLISHED.

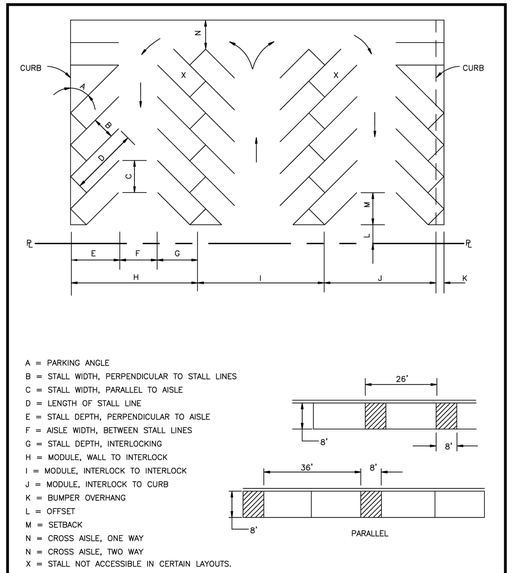
APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS	STANDARD DETAIL NUMBER
DATE	07/31/2008	STANDARD DETAIL	
REF STAD SPEC		SEWER CLEANOUT	SS-080



NOTES:

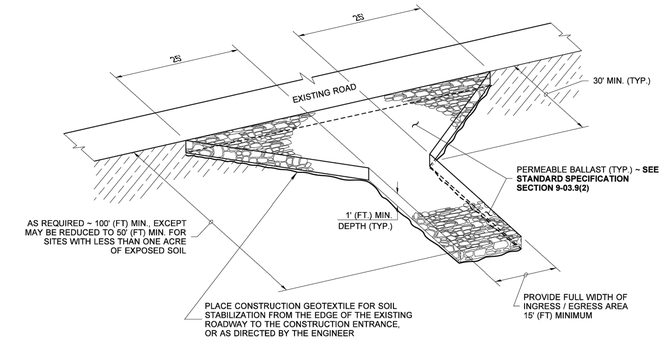
1. PVC SIDE SEWER. FOR REMAINDER OF PVC SERVICE SEE SS-090.
2. ROMAC STYLE CB TAPPING SADDLE OR APPROVED EQUAL ON ALL PIPE.
3. CORE-DRILLING WITH INSERT-A-TEE MAY ALSO BE USED ON ALL PIPE.
4. CORE DRILL EXISTING MAINLINE PIPE PER MFG'S SPECIFICATIONS.
5. 35' MIN, 45' MAX.

APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS	STANDARD DETAIL NUMBER
DATE	07/31/2008	STANDARD DETAIL	
REF STAD SPEC		NEW SERVICE ON EXISTING MAIN	SS-100



A = PARKING ANGLE
B = STALL WIDTH, PERPENDICULAR TO STALL LINES
C = STALL WIDTH, PARALLEL TO AISLE
D = LENGTH OF STALL LINE
E = STALL DEPTH, PERPENDICULAR TO AISLE
F = AISLE WIDTH, BETWEEN STALL LINES
G = STALL DEPTH, INTERLOCKING
H = MODULE, WALL TO INTERLOCK
I = MODULE, INTERLOCK TO INTERLOCK
J = MODULE, INTERLOCK TO CURB
K = BUMPER OVERHANG
L = OFFSET
M = SETBACK
N = CROSS AISLE, ONE WAY
N = CROSS AISLE, TWO WAY
X = STALL NOT ACCESSIBLE IN CERTAIN LAYOUTS.

APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS	STANDARD DETAIL NUMBER
DATE	07/31/2008	STANDARD DETAILS	
REF STD SPEC		TYPICAL PARKING LAYOUT	R-240



ISOMETRIC VIEW

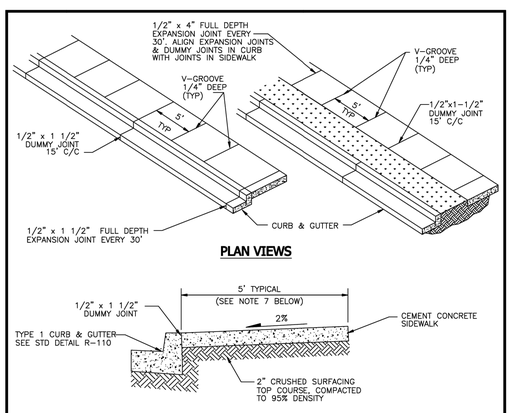
STABILIZED CONSTRUCTION ENTRANCE

STABILIZED CONSTRUCTION ENTRANCE SHALL MEET THE REQUIREMENTS OF **STANDARD SPECIFICATION SECTION 8-01.3(7).**

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko
Digitally signed by Amy Rusko
DN: OU=Development Services, O=City of Arlington, C=US, E=arusko@arlingtonwa.gov
Reason: I am the author of this document
Location: Development, LZN-Amy Rusko
Date: 2023.12.18 11:11:49-08'00'

1 / C5 CONSTRUCTION ENTRANCE

NTS



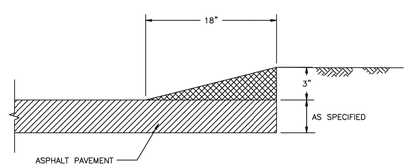
PLAN VIEWS

TYPICAL SECTION

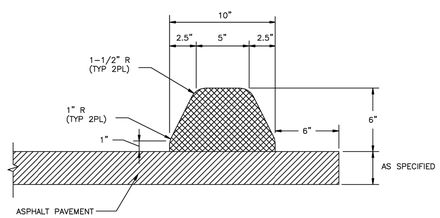
NOTES:

1. SIDEWALKS SHALL BE A MINIMUM OF 4" THICK, AND SHALL BE CLASS 3000 CEMENT CONCRETE, WITH AIR ENTRAINMENT (MIN 4.5% – MAX 6.5%).
2. FULL EXPANSION JOINTS SHALL GENERALLY BE PLACED TO MATCH THOSE PLACED IN ADJACENT CURB & GUTTER, WITH MAXIMUM SPACING OF 30 FEET, FINAL SPACING DETERMINATION SHALL BE DECIDED BY THE INSPECTOR IN THE FIELD.
3. SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY.
4. SIDEWALK SHALL BE AT LEAST 6" THICK IN DRIVEWAYS.
5. THE FINISHED SIDEWALK SHALL BE SPRAYED WITH A TRANSPARENT CURING COMPOUND COVERED BY WATERPROOF PAPER OR PLASTIC SHEETING IN THE EVENT OF RAIN OR OTHER INCLEMENT WEATHER. CURING TIME SHALL BE FOR A MINIMUM OF 72 HOURS.
6. ALL JOINTS SHALL BE CLEANED AND EDGED WITH AN EDGER HAVING A 1/4" RADIUS.
7. SIDEWALKS ARE TYPICALLY 5' WIDE, WIDER SIDEWALK MAY BE REQUIRED BY THE CITY.

APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS	STANDARD DETAIL NUMBER
DATE	07/31/2008	STANDARD DETAILS	
REF STD SPEC		CEMENT CONCRETE SIDEWALK	R-170



ASPHALT THICKENED EDGE



EXTRUDED ASPHALT CONCRETE CURB

APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS	STANDARD DETAIL NUMBER
DATE	07/31/2008	STANDARD DETAILS	
REF STD SPEC		ASPHALT THICKENED EDGE AND EXTRUDED ASPHALT CURB	R-190

PARKING STALL GEOMETRY DETAIL

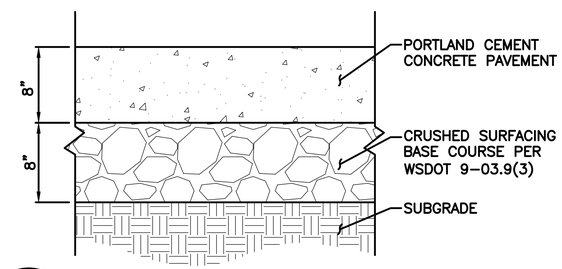
SEE STD PLAN NO. R-210 FOR TYPICAL PARKING LAYOUT.

PARKING ANGLE (DEGREES)		STALL WIDTH PERPENDICULAR TO STALL LINES	STALL WIDTH PARALLEL TO AISLE	LENGTH OF STALL LINE	STALL DEPTH PERPENDICULAR TO AISLE	AISLE WIDTH BETWEEN STALL LINES (SEE NOTE 1)	STALL DEPTH INTERLOCKING	MODULE, WALL TO INTERLOCK	MODULE, INTERLOCK TO INTERLOCK	MODULE, INTERLOCK TO CURB	BUMPER OVERHANG (TYPICAL)	OFFSET	SETBACK	CROSS AISLE (ONE WAY)	CROSS AISLE (TWO WAY)
A		B	C	D	E	F	G	H	I	J	K	L	M	N	N
45°		9.0	12.7	27.5	19.5	12	16.5	48.0	45	46.0	2.0	6.4	13.1	14	24
		9.5	13.4	27.5	19.5	11	16.5	47.0	44	45.0	2.0	6.4	13.1	14	24
	C	8.0	11.3	22.5	16.0	11					2.0			14	24
	H	13.0	18.3	27.5	19.5	11					2.0			14	24
	V	16.0	22.5	32.0	22.6	12					2.0			14	24
60°		9.0	10.4	23.7	20.5	16	18.5	55.0	53	53.7	2.3	2.6	9.3	14	24
		9.5	11.0	23.7	20.5	15	18.5	54.0	52	51.7	2.3	2.6	9.3	14	24
	C	8.0	9.3	19.5	16.7	14					2.3			14	24
	H	13.0	15.0	23.7	20.5	15					2.3			14	24
	V	16.0	18.5	26.9	23.3	16					2.3			14	24
75°		9.0	9.3	20.9	20.0	23	19.0	62.0	61	59.5	2.5	.6	4.8	14	24
		9.5	9.8	20.9	20.0	22	19.0	61.0	60	58.5	2.5	.6	4.8	14	24
	C	8.0	8.3	17.0	16.3	18					2.5			14	24
	H	13.0	13.5	20.9	20.0	22					2.5			14	24
	V	16.0	16.6	23.2	22.4	24					2.5			14	24
90°		9.0	9.0	19.0	19.0	26	19.0	66	66	66	2.5	0	0	14	24
		9.5	9.5	19.0	19.0	25	19.0	63	63	63	2.5	0	0	14	24
	C	8.0	8.0	15.0	15.0	22					2.5		0	14	24
	H	13.0	13.0	18.5	18.5	25					2.5		11	14	24
	V	16.0	16.0	20.0	20.0	24					2.5			14	24

NOTES:

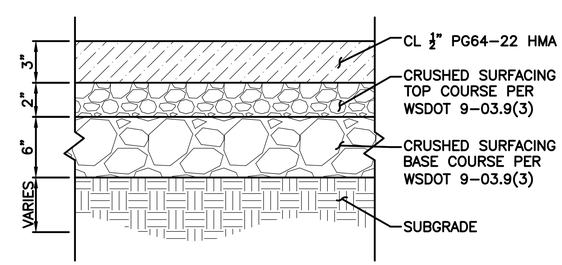
1. AISLE WIDTH MAY BE REQUIRED TO BE WIDER IF MULTIPLE UTILITY LINES ARE LOCATED WITHIN THE AISLE CORRIDOR.
2. C = COMPACT SPACE. EACH SPACE SHALL BE IDENTIFIED BY PAINTING "COMPACT" ON PAVEMENT.
3. H = HANDICAP SPACE, SEE WASHINGTON STATE REGULATIONS FOR BARRIER FREE FACILITIES.
4. V = HANDICAP VAN ACCESSIBLE SPACE, SEE WASHINGTON STATE REGULATIONS FOR BARRIER FREE FACILITIES.

APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS	STANDARD DETAIL NUMBER
DATE	07/31/2008	STANDARD DETAILS	
REF STD SPEC		PARKING LOT DETAIL	R-250



2 / C6 CONCRETE PAVEMENT

NTS



3 / C6 ASPHALT PAVING

NTS

811 Know what's below. Call before you dig.

PERMIT# PWD3566

PLAN CHECK	BY	DATE					
			DATE	NO.	REVISION	BY	
			DESIGNED BY: RODNEY PFIEFLE		DRAWN BY: RODNEY PFIEFLE		

CITY OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX
FED PROJ NUMBER:

APPROVED FOR CONSTRUCTION

RYAN R. MORRISON
CITY ENGINEER

DATE APPROVED:

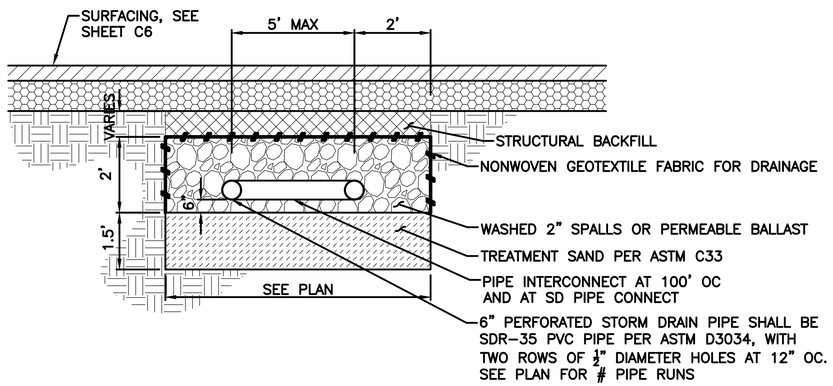
ERIC J. SCOTT, STATE OF WASHINGTON, 36704, REGISTERED PROFESSIONAL ENGINEER
11/14/23

TerraVista NW LLC
Consulting Engineers
3204 SMOKEY POINT DR. #207
ARLINGTON, WA 98223
360-691-9272
WWW.TERRAVISTANW.COM

JENSEN PARK IMPROVEMENTS DETAILS

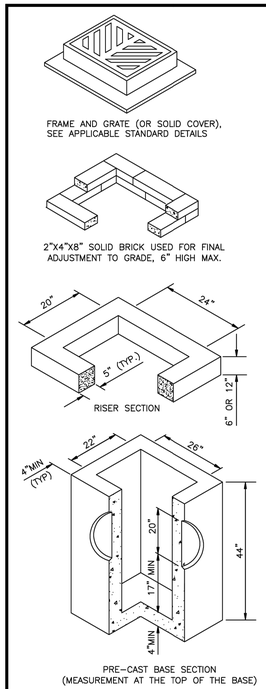
REFERENCE SHEET NO. C8

SHEET 8 OF 9 SHEETS



4 / C7 INFILTRATION TRENCH

NTS



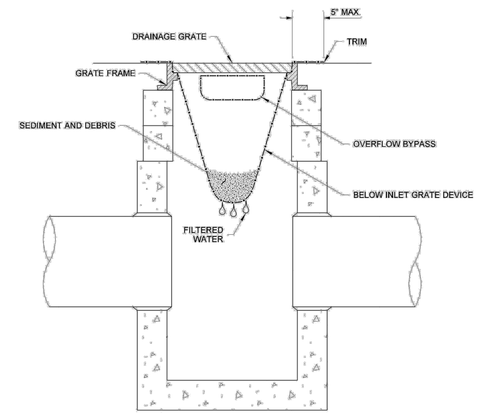
NOTES:

1. CONCRETE INLET TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 & C890 UNLESS OTHERWISE SHOWN ON THE PLANS OR NOTED IN THE STANDARD SPECIFICATIONS. ALL CONCRETE SHALL BE CLASS 4000.
2. REINFORCING SHALL BE EQUIVALENT TO WELDED WIRE FABRIC (WWF) HAVING A MINIMUM AREA OF 0.12 SQUARE INCH PER FOOT. WWF SHALL COMPLY TO ASTM A497. WWF SHALL NOT BE PLACED IN KNOCKOUTS.
3. THE BOTTOM OF THE PRE-CAST BASE SECTION MAY BE ROUNDED.
4. PRE-CAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
5. KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTSIDE DIAMETER PLUS CATCH BASIN WALL THICKNESS. KNOCKOUTS MAY BE ROUND OR "D" SHAPED AND MAY BE ON ALL 4 SIDES WITH MAXIMUM DIAMETER OF 20".
6. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
7. THE TAPER ON THE SIDES OF THE PRE-CAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2" PER FOOT.
8. FRAME AND GRATE SHALL BE IN ACCORDANCE WITH WSDOT/APWA SPECIFICATIONS. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
9. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
10. EDGE OF RISER OR BRICK SHALL NOT BE MORE THAN 2" FROM VERTICAL EDGE OF CATCH BASIN WALL.

CITY OF ARLINGTON	APPROVED BY: L. OLIVE DATE: 07/31/2008 REF STAN SPEC:	DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL CATCH BASIN TYPE 1	STANDARD DETAIL NUMBER SD-020

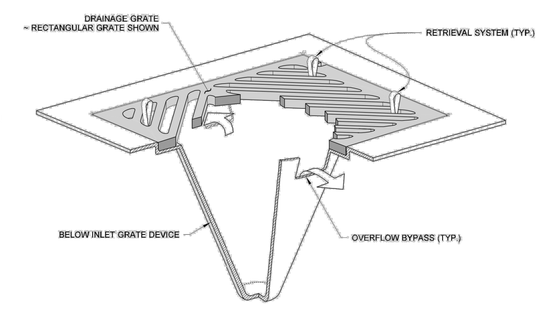
NOTES

1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it will service.
2. The BIGD shall have a built-in high-flow relief system (overflow bypass).
3. The retrieval system must allow removal of the BIGD without spilling the collected material.
4. Perform maintenance in accordance with Standard Specification 8-01.3(15).



SECTION VIEW

NOT TO SCALE



ISOMETRIC VIEW

5 / C5 STORM INLET PROTECTION

NTS

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko
Digitally signed by Amy Rusko
DN: C=US, E=amy.rusko@arlingtonwa.gov, O=City of Arlington, OU=Community & Economic Development, CN=Amy Rusko
Date: 2023.12.18 11:11:49-08'00'

PERMIT# PWD3566

811 Know what's below. Call before you dig.

PLAN CHECK	BY	DATE	DATE	NO.	REVISION	BY

DESIGNED BY: RODNEY PFIEFLE
DRAWN BY: RODNEY PFIEFLE

CITY OF ARLINGTON
DEPARTMENT OF PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX
FED PROJ NUMBER: _____

APPROVED FOR CONSTRUCTION

RYAN R. MORRISON
CITY ENGINEER

DATE APPROVED:

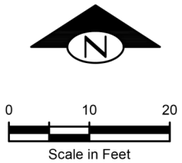
ERIC J. SCHMITT — STATE OF WASHINGTON — 36704 — REGISTERED PROFESSIONAL ENGINEER
11/14/23

TerraVista NW LLC
Consulting Engineers
3204 SMOKEY POINT DR. #207
ARLINGTON, WA 98223
360-691-9272
WWW.TERRAVISTANW.COM

JENSEN PARK IMPROVEMENTS
DETAILS

REFERENCE SHEET NO. C9

SHEET 9 OF 9 SHEETS



TREES	SIZE	QUANTITY
Japanese Stewartia Trees, narrow	2 inch caliper	3
Vine Maple Trees	3-4 feet	2
SHRUBS		
Dwarf Norway Spruce 'Pendula' or Mugo Pine 'Carstens Wintergold'	5 gallon	3
Nandia Domestica 'Moon Bay'	2 gallon	10
Weigela 'Crimson Kisses'	5 gallon	3
Spirea gold mound 'Lil Flirt' OR Golden Euonymus or Abelia 'Kaleidoscope'	2 gallon	11
Pieris Japonica 'Flaming Silver'	5 gallon	8

* Planted areas to be covered with 3 inches of bark.

Zoning Approval
PLN #1152
December 18, 2023
Amy Rusko
Digitally signed by Amy Rusko
DN: C=US, E=arusko@arlingtonwa.gov, O=City of Arlington, OU=Community & Economic Development, CN=Amy Rusko
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			DATE	NO.	REVISION		BY
			DESIGNED BY:		DRAWN BY:		

CITY OF ARLINGTON
DEPARTMENT OF
PUBLIC WORKS
CITY PROJ NUMBER: PXX.XXX

APPROVED FOR CONSTRUCTION

RYAN R. MORRISON
CITY ENGINEER

JENSEN PARK IMPROVEMENTS
LANDSCAPE PLAN

REFERENC
SHEET N
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OF