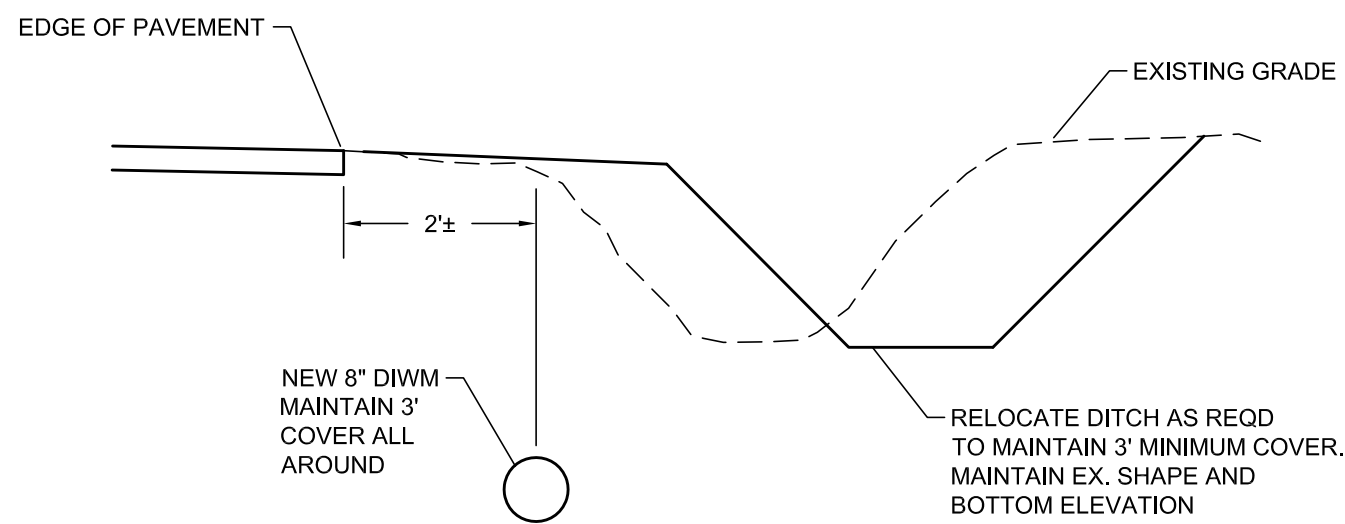


SITE PLAN
SCALE: 1"=20'

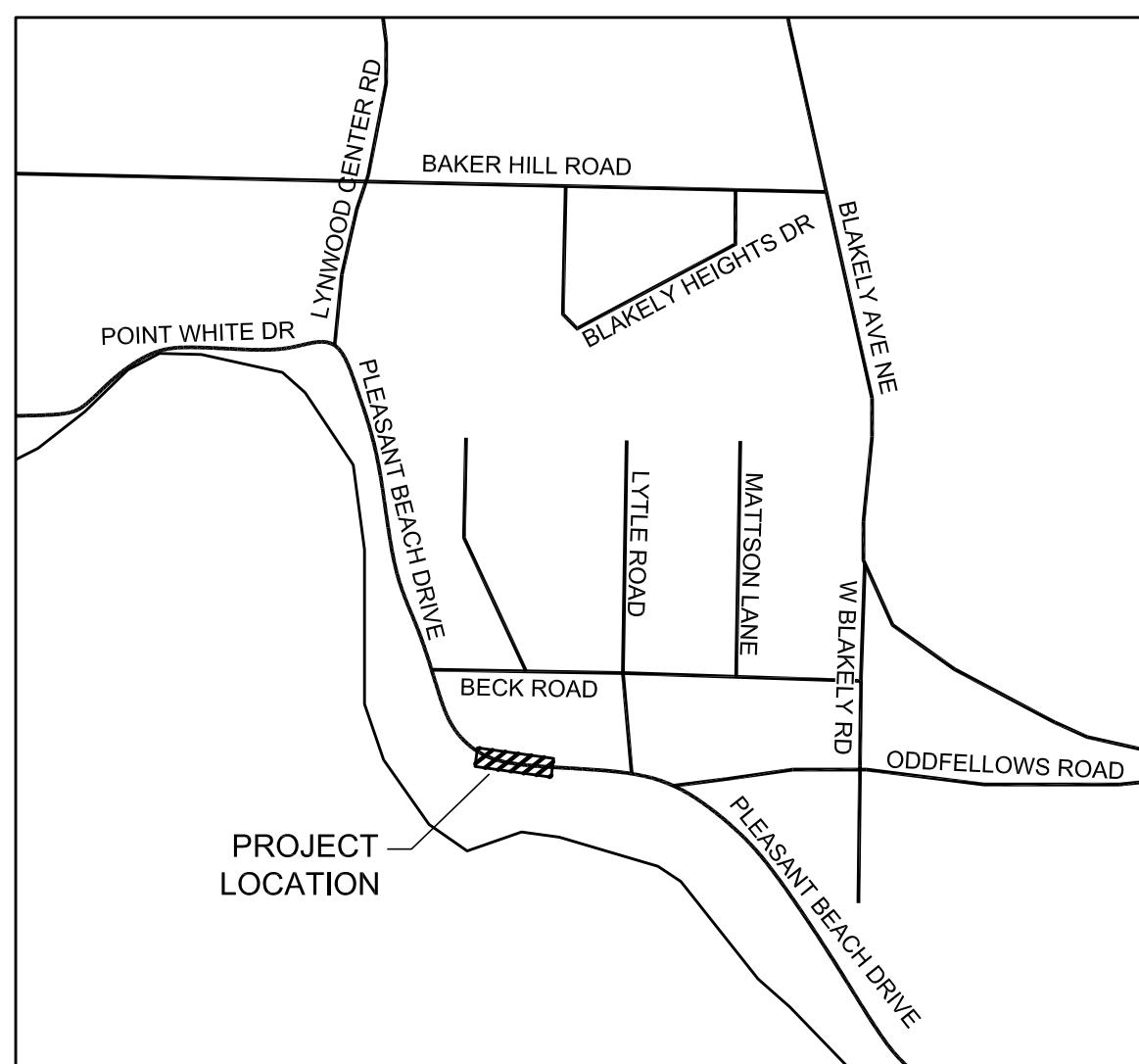
SITE PLAN BASED ON FIELD OBSERVATIONS, AERIAL PHOTOGRAPHY, PUBLICLY AVAILABLE PROPERTY MAPS AND A SURVEY OF 3900 PLEASANT BEACH DRIVE BY DC SURVEYING DATED JAN. 19, 2015. LOCATIONS OF PROPERTY LINES AND FEATURES IS APPROXIMATE AND NOT BASED ON SURVEY. STATIONING ALONG PIPELINE.

LEGEND

- PROPERTY CORNER
- EX. CULVERT
- EX. DITCH
- EX. FENCE
- PROPERTY LINE
- NEW WATER MAIN



A
C1
TYPICAL SHOULDER SECTION
NO SCALE



VICINITY MAP
SCALE: 1"=1000'

GENERAL NOTES

- UNLESS OTHERWISE SPECIFIED, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENTLY ADOPTED EDITION OF "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION", APWA/WSDOT EXCEPT AS MODIFIED BY THE CITY OF BAINBRIDGE ISLAND IN THE CURRENT EDITION OF "DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS" AND AS NOTED BELOW.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES AND OTHER FEATURES ON THE PLAN ARE APPROXIMATE AND MAY NOT BE COMPLETE. ACTUAL LOCATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AS REQUIRED.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR WORKER SAFETY. ALL TRENCHING AND OTHER ACTIVITIES SHALL BE IN ACCORDANCE WITH STATE AND LOCAL SAFETY REGULATIONS AND REQUIREMENTS.
- A COPY OF THE APPROVED PLANS AND OTHER APPLICABLE SPECIFICATIONS AND DRAWINGS SHALL BE ONSITE DURING CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN AN UNDERGROUND UTILITIES LOCATE PRIOR TO BEGINNING CONSTRUCTION (UNDERGROUND UTILITIES LOCATION SERVICE, (811)).
- CONTRACTOR SHALL INSTALL, REPLACE OR RELOCATE ALL SIGNS AND OTHER FEATURES AFFECTED BY CONSTRUCTION.
- CONTRACTOR SHALL APPLY FOR AND OBTAIN AN APPROVED PERMIT FOR WORK IN THE RIGHT OF WAY PRIOR TO ANY WORK IN THE RIGHT OF WAY.
- CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH CITY STAFF PRIOR TO ANY WORK ON CITY RIGHTS-OF-WAY.
- SIGNING, FLAGGING AND TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE WSDOT TRAFFIC MANUAL AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE PLAN SHALL BE PROVIDED TO THE CITY FOR APPROVAL IF APPLICABLE.
- ALL PIPE AND OTHER MATERIAL STORED ALONG CITY RIGHT-OF-WAY MUST BE PLACED AT A SAFE DISTANCE FROM THE TRAVELED ROADWAY IN SUCH A MANNER AS TO AVOID FALLING ONTO THE ROADWAY.
- MAXIMUM LENGTH OF OPEN TRENCH ON STREETS SHALL BE 400 FEET. AT THE END OF EACH DAY, ALL TRENCHES MUST BE BACKFILLED OR COVERED WITH STEEL PLATES OR BARRICADED WITH FLASHING WARNING LIGHTS.
- ALL PIPE TRENCH BACKFILL SHALL BE IN ACCORDANCE WITH THE WSDOT/APWA SPECIFICATIONS FOR PIPE BEDDING AND BANK RUN GRAVEL IF PROPER COMPACTION CANNOT BE OBTAINED USING NATIVE SOIL, EXCEPT AS NOTED ON PLAN.

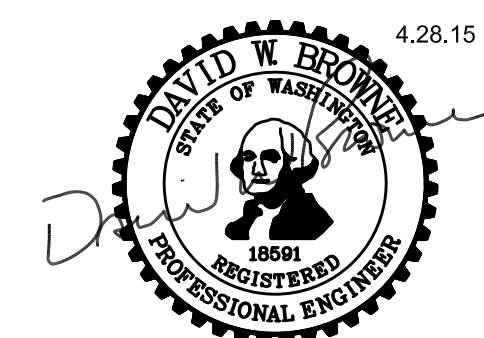
EROSION CONTROL NOTES

- THE CONTRACTOR SHALL APPLY ALL MEASURES NECESSARY TO PREVENT THE DISCHARGE OF SEDIMENT-LADEN WATER OFF THE PROJECT SITE. FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS.
- THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION CONTROL FACILITIES REGULARLY, PARTICULARLY DURING AND FOLLOWING LARGE STORMS.
- ALL STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM CONSTRUCTION.
- SITE WORK SHALL BE SCHEDULED TO MINIMIZE THE EXPOSURE OF DISTURBED SOILS. ALL EXPOSED AND UNWORKED SOILS, INCLUDING SOIL STOCKPILES, SHALL BE STABILIZED BY SUITABLE APPLICATION OF BMPs THAT PROTECT SOIL FROM THE EROSIIVE FORCES OF RAINDROP IMPACT AND FLOWING WATER. APPLICABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO VEGETATIVE ESTABLISHMENT, MULCHING, PLASTIC COVERING, AND THE EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED. FROM OCTOBER 1 THROUGH APRIL 30, NO SOILS SHALL REMAIN EXPOSED FOR MORE THAN 2 DAYS. FROM MAY 1 THROUGH SEPTEMBER 30, NO SOILS SHALL REMAIN EXPOSED FOR MORE THAN 7 DAYS.
- CARE SHALL BE TAKEN TO PREVENT ANY DISCHARGE OF SEDIMENT-LADEN WATER INTO THE DOWNSTREAM STORMWATER SYSTEMS. ANY INLETS WHICH RECEIVE RUNOFF SHOULD BE PROTECTED WITH SEDIMENT FILTERS.
- PETROLEUM PRODUCTS AND OTHER POTENTIAL POLLUTANTS SHALL BE PROTECTED TO PREVENT THEIR INTRODUCTION INTO SITE RUNOFF OR THE STORM DRAINAGE SYSTEM.
- DEWATERING WATER SHALL BE FILTERED TO REMOVE SEDIMENT AND DISCHARGED IN A MANNER TO AVOID DOWNSTREAM IMPACTS.
- ALL TEMPORARY EROSION CONTROL FACILITIES, INCLUDING PERIMETER CONTROLS, SHALL REMAIN IN PLACE UNTIL FINAL SITE CONSTRUCTION IS COMPLETE AND APPROVAL HAS BEEN RECEIVED FROM THE CITY.

WATER MAIN

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF AWWA, APWA/WSDOT, AND THE SOUTH BAINBRIDGE WATER SYSTEM. THE KITSAP PUBLIC UTILITY DISTRICT STANDARD PLANS AND SPECIFICATIONS ARE HEREBY ADOPTED. HYDROSTATIC TESTING, DISINFECTIONS AND BACTERIAL TESTING ARE REQUIRED ON ALL INSTALLATIONS PER SECTION 7-09 WSDOT STANDARD SPECIFICATIONS. ALL MATERIALS ARE TO BE NSF/ANSI STANDARD 61 CERTIFIED.
- ALL PIPE 3" AND LARGER SHALL BE DUCTILE IRON PIPE, CLASS 52, CEMENT LINED. ALL 2" PIPE SHALL BE IRON PIPE SIZE POLYETHYLENE, 200 PSI WITH COMPRESSION FITTINGS.
- THE MINIMUM COVER FOR WATER MAINS SHALL BE 3 FEET AND SHALL BE MAINTAINED AT ALL POINTS.
- INSTALLATION OF WATER MAINS AND SERVICE LINES SHALL INCLUDE LOCATOR WIRE, BURIED ALONG THE ENTIRE LENGTH OF THE PIPE. LOCATOR WIRE IS TO BE 14 GAUGE SOLID CORE OR LARGER AND SHALL BE RUN TO 12" ABOVE GRADE AT EACH GATE VALVE AND HYDRANT FLANGE. THE LOCATOR WIRE IS ALSO TO BE RUN 12" ABOVE THE GROUND AT EACH METER, BLOW-OFF AND AIR/VACUUM VALVE.
- ALL 2" TO 12" GATE VALVES SHALL BE RESILIENT-SEATED GATE VALVES, CONFORMING TO AWWA C-509. CONCRETE VALVE MARKERS ARE REQUIRED.
- SERVICES SHALL BE 200 PSI IRON PIPE SIZE, POLYETHYLENE PIPE MEETING ASTM D2737, EQUAL TO DRISCO-PIPE 5100 AND SHALL INCLUDE A CORPORATION STOP AT THE MAIN. ALL FITTINGS SHALL BE COMPRESSION TYPE, EQUAL TO MUELLER. ALL SERVICES SHALL BE 1".
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF STATE AND LOCAL HEALTH AUTHORITIES.
- THE ROAD AND STRUCTURE LOCATIONS SHOWN ARE APPROXIMATE AND INTENDED TO SHOW THE RELATIVE LOCATION OF THE PROPOSED WATER FACILITIES ONLY.
- ALL LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE EXACT LOCATION TO AVOID DAMAGE OR DISTURBANCE.

REV 1. 4-28-15 DWB. NOTES AT PROJECT BEGINNING RE: CONNECTION, CHANGE TO CLASS 52 DIP, ADD 2ND WM.



South Bainbridge Water System
Denk Water Main Extension
Site Plan and Notes

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Barbara Denk
3900 Pleasant Beach Dr.
Bainbridge Island, WA

DATE 4-17-15
DESIGNED D.Browne
DRAWN D.Browne
CHECKED A.WHEELER
PROJECT # DE04-001

C1

1 OF 2