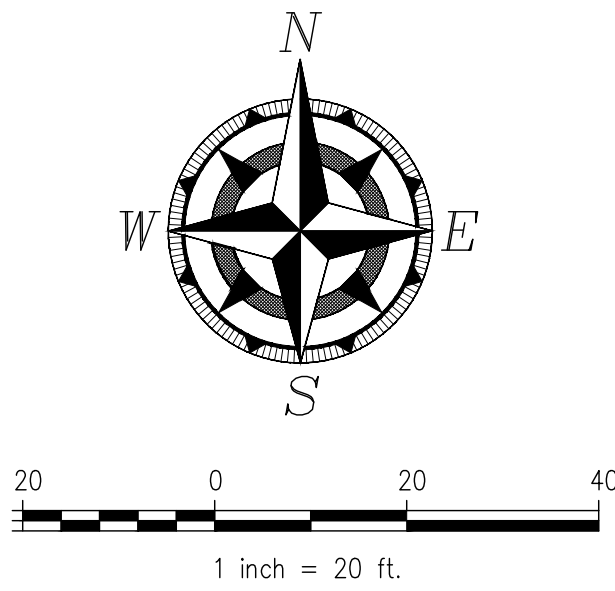


NW SECTION 03, TOWNSHIP 28 N, RANGE 04 E



**HORIZONTAL DATUM:**

THE VERTICAL DATUM FOR THIS SURVEY IS NAVD 88, BASED ON PUBLISHED ELEVATIONS FOR WSDOT MONUMENTS:

'GP31525-133' MONUMENT ID 2955  
ELEVATION: 10.883 FEET

'TIDAL 5 1971' MONUMENT ID 3756:  
ELEVATION: 12.766 FEET

**HORIZONTAL DATUM:**

THE HORIZONTAL DATUM FOR THIS SURVEY IS NAD 83/11, BASED ON PUBLISHED COORDINATES FOR WSDOT MONUMENTS:

'GP31525-133' MONUMENT ID 2955  
NORTHING: 349415.390 FEET  
EASTING: 1279511.250 FEET

'TIDAL 5 1971' MONUMENT ID 3756:  
NORTHING: 349524.268 FEET  
EASTING: 1279424.469 FEET

**LEGEND**

- PROPOSED CONCRETE
- PROPOSED ASPHALT

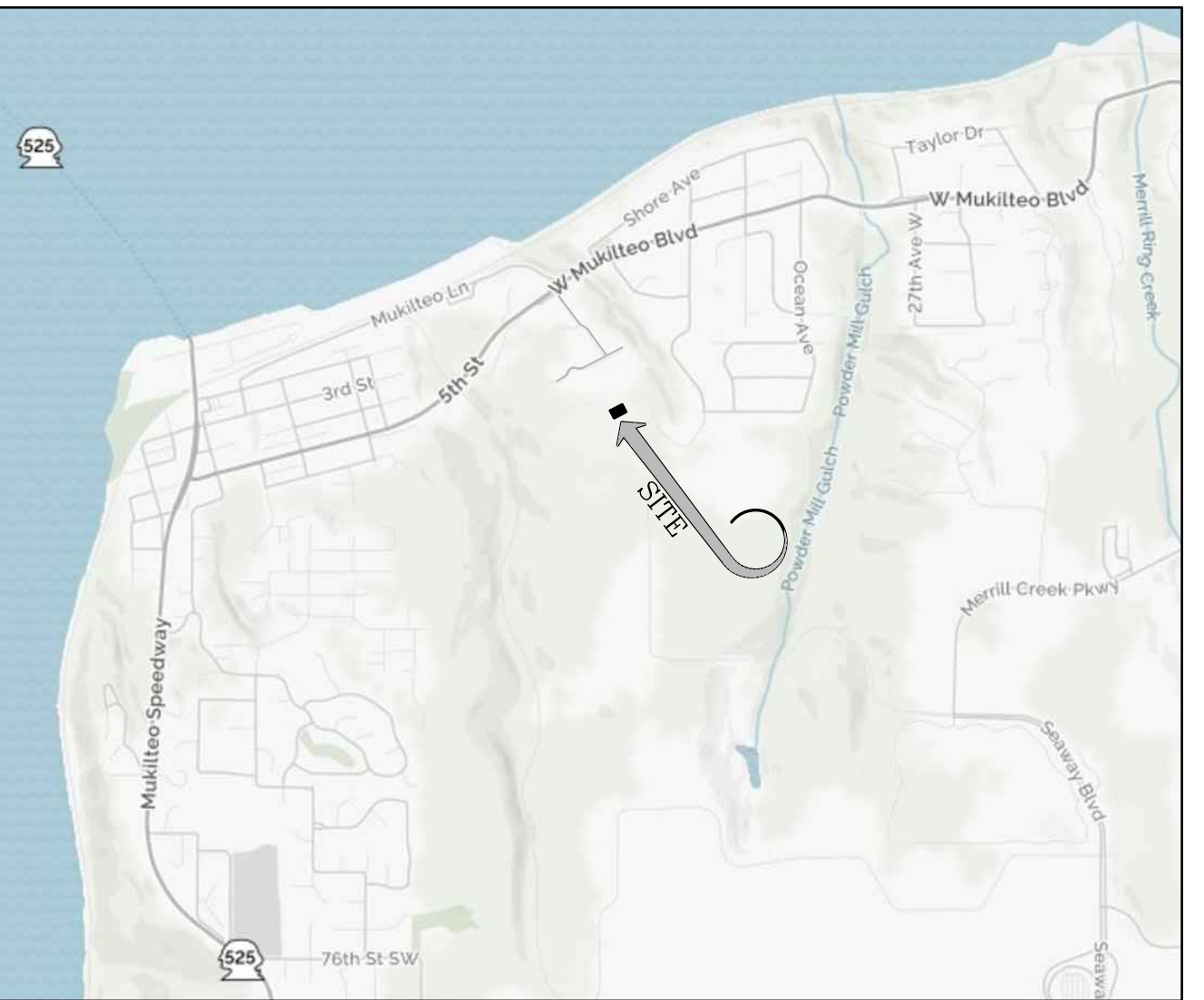
**SITE DATA**

LOT SURFACE = 8,500 SF (0.195 AC)  
EXIST IMPERVIOUS = 0

NEW SITE DEVELOPMENT SA = 7,595 SF (0.1744 AC)  
PROPOSED ROOFTOP SA = 2,038 SF (0.0468 AC)  
PROPOSED CONC WALK SA = 127 SF (0.0029 AC)  
NET IMP AFTER DEVELOPMENT SA = 2,165 SF (0.0497 AC)

IMPERVIOUS COVERAGE = 28.51%

ROOFTOP COVERAGE = 26.83%



**VICINITY MAP**

SCALE: 1" = 2000'

<b>APPLICANT/OWNER</b>	DAVID & JOAN LONEY 12661 WEST SAN JUAN COURT LITCHFIELD PARK, AZ 85340
<b>PROJECT ARCHITECT</b>	LOT DESIGN GROUP 22630 - 88TH AVE W EDMONDS, WA 98026 (TEL) 425-478-4814 CONTACT: LARRY THRONDSSEN
<b>SURVEYOR</b>	PACIFIC GEOMATIC SERVICES, INC. 6608 216TH ST SW, SUITE 304 MOUNTLAKE TERRACE, WA 98043 (TEL) 425-778-5620 pgs@pacgeoinc.com
<b>PROJECT ENGINEER</b>	J.C. McDONNELL ENGINEERING, PC 6608 216TH ST SW, SUITE 306 MOUNTLAKE TERRACE, WA 98043 (TEL) 425-744-0916 (FAX) 425-744-0946 john@jcmedon.com

**LEGAL DESCRIPTION:**  
(PER CHICAGO TITLE INSURANCE COMPANY GUARANTEE NO. 500041199, DATED APRIL 27, 2016 AT 08:00 AM)  
THAT PORTION OF GOVERNMENT LOT 3, SECTION 3, TOWNSHIP 28 NORTH, RANGE 4 EAST, W.M., DESCRIBED AS FOLLOWS:  
BEGINNING AT THE NORTHWEST CORNER OF SAID GOVERNMENT LOT 3;  
THENCE EASTERLY ALONG THE NORTH LINE OF SAID GOVERNMENT LOT 3 FOR A DISTANCE OF 569.59 FEET;  
THENCE SOUTH 32°10'50" EAST A DISTANCE OF 412.8 FEET;  
THENCE SOUTH 62°05'10" WEST A DISTANCE OF 35.0 FEET TO THE MOST EASTERLY CORNER OF TRACT DECEDED TO ELLIOT F. BROWN, JULY 18, 1957;  
THENCE SOUTH 32°10'50" EAST A DISTANCE OF 40.0 FEET;  
THENCE SOUTH 32°10'50" EAST A DISTANCE OF 90 FEET TO THE TRUE POINT OF BEGINNING OR THIS DESCRIPTION;  
THENCE CONTINUE SOUTH 32°10'50" EAST FOR A DISTANCE OF 100 FEET;  
THENCE NORTH 62°05'10" EAST FOR 190.0 FEET;  
THENCE NORTH 32°10'50" FOR A DISTANCE OF 100 FEET;  
THENCE SOUTH 62°10'10" WEST FOR A DISTANCE OF 190 FEET TO THE TRUE POINT OF BEGINNING OF THIS DESCRIPTION;  
TOGETHER WITH A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS AND FOR THE INSTALLATION, OPERATION AND MAINTENANCE OF UTILITIES OVER, UNDER, ACROSS, THROUGH AND UPON THE FOLLOWING DESCRIBED PROPERTY:  
A 50.00 FOOT WIDE STRIP OF LAND BEING 25.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:  
BEGINNING AT THE NORTHWEST CORNER OF GOVERNMENT LOT 3, SECTION 3, TOWNSHIP 28 NORTH, RANGE 4 EAST, W.M.;  
THENCE NORTH 89°06'20" EAST ALONG THE NORTH LINE OF SAID GOVERNMENT LOT 3 FOR 569.59 FEET;  
THENCE SOUTH 32°57'42" EAST 412.80 FEET;  
THENCE SOUTH 61°18'18" WEST FOR 35.00 FEET;  
THENCE SOUTH 32°57'42" EAST FOR 40.00 FEET;  
THENCE NORTH 61°18'18" EAST FOR 225.55 FEET TO THE TRUE POINT OF BEGINNING OF THIS DESCRIPTION;  
THENCE SOUTH 50°52'33" EAST FOR 132.04 FEET;  
THENCE ON A CURVE TO THE LEFT HAVING A RADIUS OF 100.00 FEET A CENTRAL ANGLE OF 67°51'10" FOR AN ARC LENGTH OF 118.42 FEET;  
THENCE SOUTH 16°58'37" WEST FOR 81.37 FEET;  
THENCE ON A CURVE TO THE LEFT HAVING A RADIUS OF 50.00 FEET A CENTRAL ANGLE OF 90°48'50" FOR AN ARC LENGTH OF 71.25 FEET;  
THENCE NORTH 72°12'33" WEST FOR 134.58 FEET TO THE TERMINUS OF THIS CENTERLINE DESCRIPTION.  
TOGETHER WITH A PERPETUAL, NON-EXCLUSIVE EASEMENT FOR INGRESS, EGRESS FOR PEDESTRIAN AND MOTOR VEHICLE USE (A DRIVEWAY) AND FOR INSTALLATION, OPERATION, AND MAINTENANCE OF UTILITIES OVER, UNDER, ACROSS, THROUGH, AND UPON THE FOLLOWING DESCRIBED PROPERTY, AS DISCLOSED IN DECLARATION OF EASEMENT RECORDING NO. 201407180273:  
A STRIP OF LAND 20.00 FEET IN WIDTH, BEING 10.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE, LOCATED IN GOVERNMENT LOT 3, IN THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 3, TOWNSHIP 28 NORTH, RANGE 4 EAST, W.M.:  
COMMENCING AT THE MOST NORTHEASTERLY CORNER OF TRACT F, CITY OF MUKITEO SHORT PLAT NO. SP2012-001, ACCORDING TO THE PLAT THEREOF AS RECORDED UNDER AUDITOR'S FILE NUMBER 201402105001, RECORDS OF SNOHOMISH COUNTY, WASHINGTON; THENCE SOUTH 48°42'13" EAST ALONG THE EAST LINE OF SAID TRACT F A DISTANCE OF 127.97 FEET TO THE CENTERLINE OF AN EXISTING ASPHALT DRIVEWAY, AND THE TRUE POINT OF BEGINNING OF THIS DESCRIBED CENTERLINE; THENCE SOUTH 54°36'01" WEST ALONG THE CENTERLINE OF SAID ASPHALT DRIVEWAY AND THE SOUTHWESTERLY PROJECTION THEREOF A DISTANCE OF 48.06 FEET TO A POINT ON THE EAST LINE OF THAT CERTAIN TRACT OF LAND CONVEYED TO ANDREW C. LAMAR BY QUITCLAIM DEED RECORDED UNDER RECORDING NUMBER 8306130222, RECORDS OF SNOHOMISH COUNTY, WASHINGTON AND THE TERMINUS OF THIS DESCRIBED CENTERLINE SAID TERMINUS POINT BEING 63.74 FEET NORTH OF THE SOUTHEAST CORNER OF SAID LAMAR TRACT AS MEASURED ALONG THE EAST LINE THEREOF THE SIDE LINES OF THIS DESCRIBED EASEMENT SHALL BE EXTENDED TO OR TRUNCATED AT THE EAST LINE OF SAID LAMAR TRACT AND THE EAST LINE OF SAID TRACT F.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

<b>TAX ACCOUNT NO.:</b>	<b>SITE ADDRESS:</b>
28040300200200	1603 DEBRELOE LANE, MUKITEO, WA 98275

**SITE PLAN  
LONEY SHORT PLAT  
NW SECTION 03, TOWNSHIP 28 N, RANGE 04 E  
SNOHOMISH COUNTY, WASHINGTON**

DRAWN BY	DATE	REV. BY	DATE	PROJECT MANAGER	SCALE
TJW	01/24/2017	TJW	05/31/2019	J.C. McDonnell	AS SHOWN
DRAWING FILE NAME	CHK. BY	F.B. NO.	JOB NO.	SHT. NO.	
5999-Loney PlanSet.dwg	JCM		5999	SP 1 of 1	



Know what's below.  
Call before you dig.

REV. NO.	DESCRIPTION	INITIALS	DATE
1	REVISED PER CITY COMMENTS	TJW	05/31/19

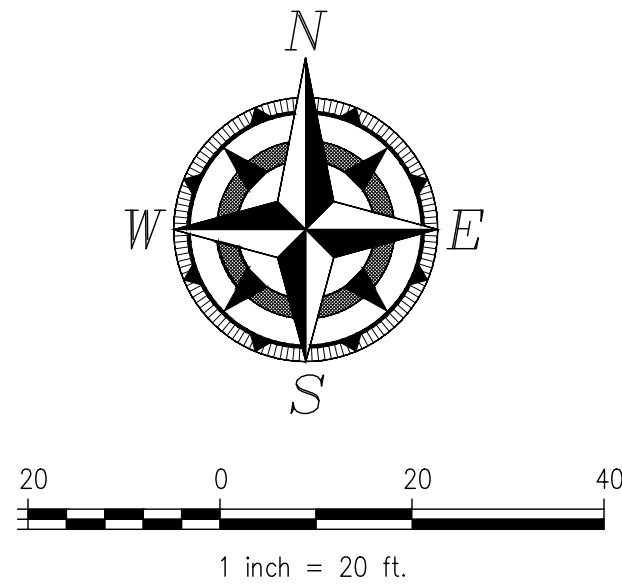
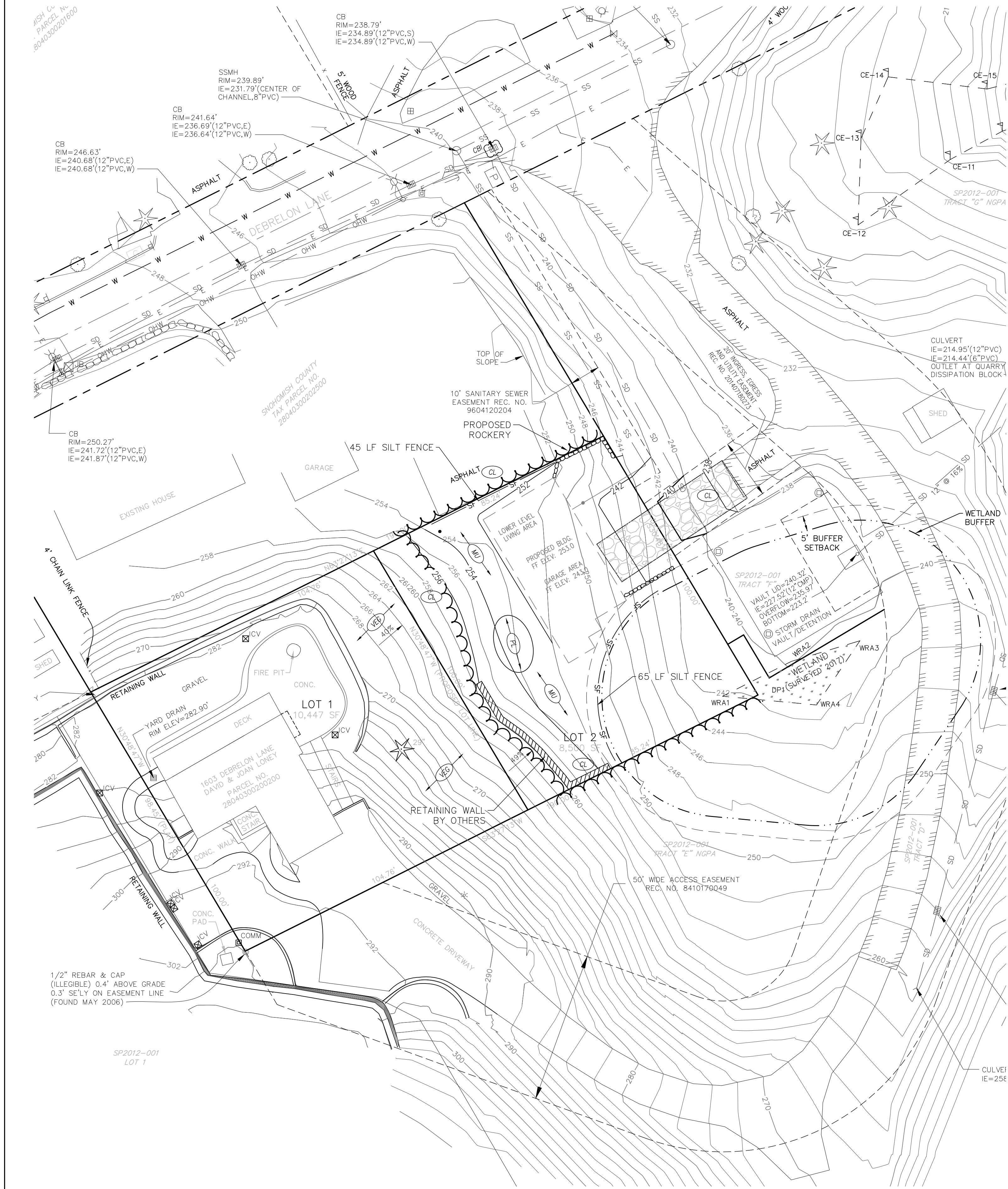
**UTILITY CONFLICT NOTE:**  
**CAUTION:**  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT J.C. McDONNELL ENGINEERING, PC TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.



**J.C. McDONNELL**  
ENGINEERING, PC  
**civil engineers**  
P.O. BOX 13199, MILL CREEK, WASHINGTON TEL: (425) 744-0916  
FAX: (425) 744-0946



NW SECTION 03, TOWNSHIP 28 N, RANGE 04 E



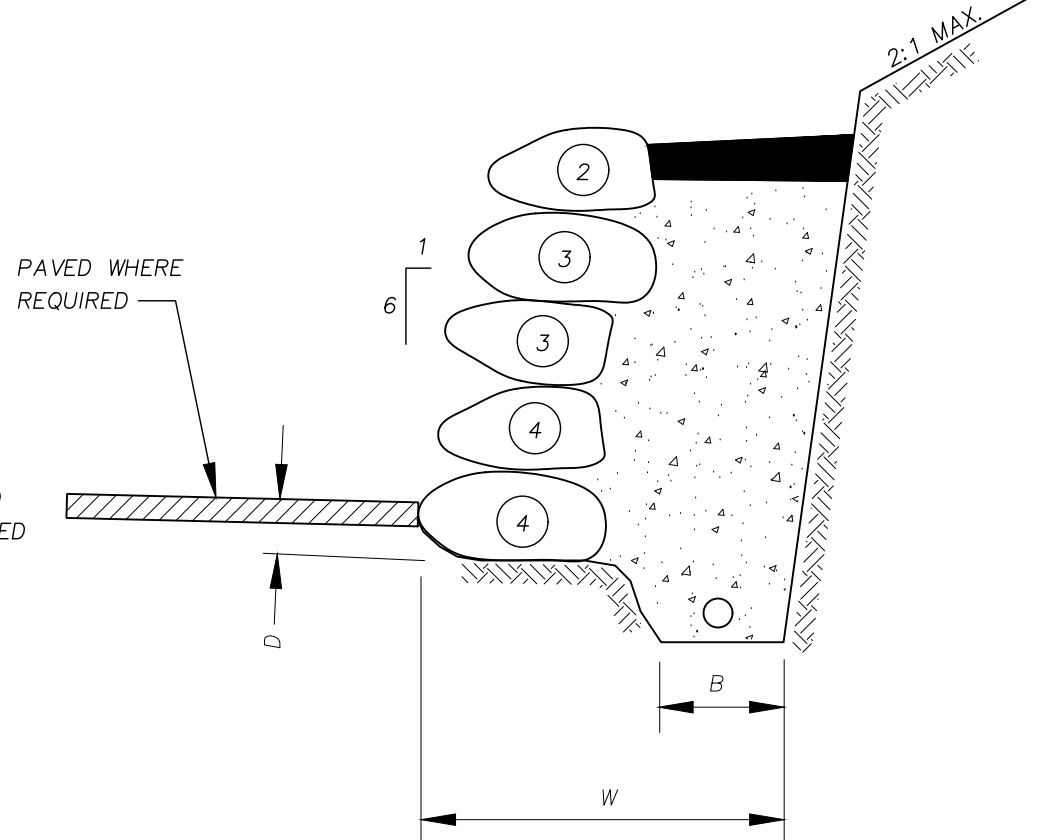
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NORTHING:349524.268 FEET  
EASTING: 1279424.469 FEET

- T.E.S.C. LEGEND**
- VEG RETAIN EXISTING VEGETATION WHEN FEASIBLE
  - CL CLEARING LIMITS
  - MU MULCH &/OR STRAW MATTING
  - PL PLASTIC COVER
  - SF SILT FENCE
  - TEMPORARY CONSTRUCTION ENTRANCE
  - CBI CATCH BASIN INLET PROTECTION

- LEGEND**
- 2 INCH TO 4 INCH QUARRY SPALLS FREE OF ORGANIC WITH LESS THAN 5 PERCENT FINES (SILT AND CLAY PARTICLES PASSING THE NO. 200 MESH SIEVE)
  - SURFACE SEAL; MAY CONSIST OF IMPERVIOUS SOIL OR A FINE FREE DRAINING GRANULAR MATERIAL, BOTH OVER FILTER FABRIC, OR LEAN CONCRETE
  - UNDISTURBED FIRM NATIVE SOIL
  - DESIGNATED SIZE OF ROCK REQUIRED ie. 4 MAN
  - MINIMUM 4 INCH DIAMETER UNDERDRAIN PIPE CONFORMING TO SECTION 7-01 OF THE WSDOT/APWA SPECIFICATIONS. SUCH PIPE SHALL BE BEDDED ON AND SURROUNDED BY 2 INCH TO 4 INCH QUARRY SPALLS AS DESCRIBED ABOVE

- NOTES:**
- ROCK WALLS (ROCKERIES) SHALL COMPLY WITH THE PROVISIONS OF SECTION 3.6.7 OF THE CITY OF MUKILTEO DEVELOPMENT STANDARDS.
  - MAXIMUM INCLINATION OF THE SLOPES ABOVE AND BEHIND ROCKERIES SHOULD BE 2:1(HORIZONTAL: VERTICAL).
  - MINIMUM THICKNESS OF ROCK FILTER LAYER B=12 INCHES.
  - MINIMUM EMBEDMENT D=12 INCHES UNDISTURBED NATIVE SOIL OR COMPACTED FILL PLACED IN ACCORDANCE WITH GEOTECHNICAL REPORT RECOMMENDATIONS.
  - ROCKERIES GREATER THAN 8 FEET IN HEIGHT TO BE INSTALLED UNDER PERIODIC OR FULL TIME OBSERVATION OF THE GEOTECHNICAL ENGINEER.
  - ROCK SHALL BE PLACED TO GRADUALLY DECREASE IN SIZE WITH INCREASING WALL HEIGHT IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
  - MINIMUM WIDTH OF KEYWAY EXCAVATION, W, SHALL BE EQUAL TO THE THICKNESS OF THE BASAL ROCK(AS DETERMINED BY THE GEOTECHNICAL ENGINEER'S DESIGN) PLUS B.
  - THE LONG DIMENSION OF THE ROCKS SHALL EXTEND PERPENDICULAR TO THE ROCK FACE TO PROVIDE MAXIMUM STABILITY.
  - ROCKS SHALL BE PLACED TO AVOID CONTINUOUS JOINT PLANES IN VERTICAL OR LATERAL DIRECTIONS. EACH ROCK SHALL BEAR ON TWO OR MORE ROCKS BELOW IT, WITH GOOD FLAT-TO-FLAT CONTACT.



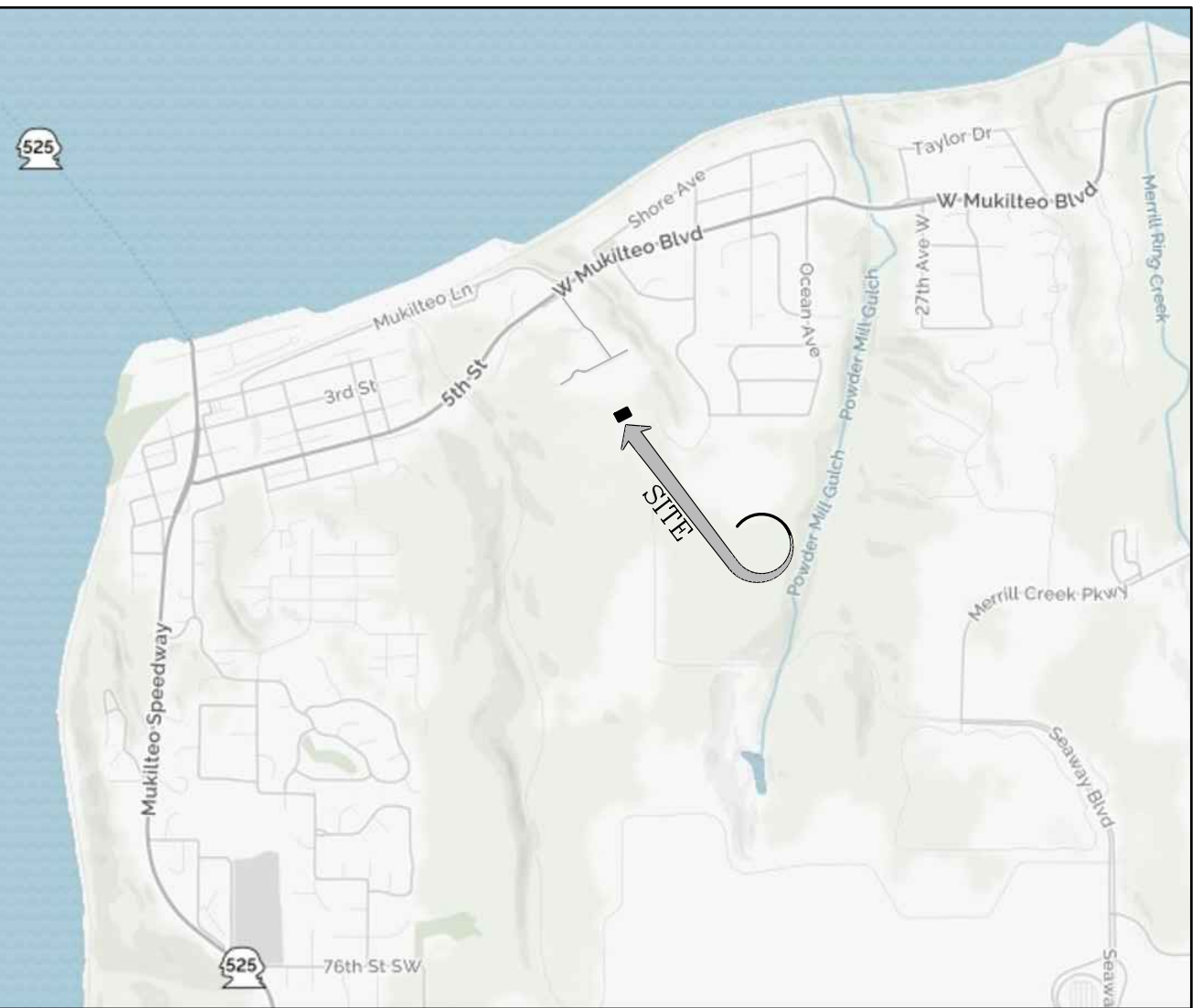
SIZE	APPROX. WT - LBS.	APPROX. DIA.
1 MAN	50-200	12"-18"
2 MAN	200-700	18"-28"
3 MAN	700-2000	28"-36"
4 MAN	2000-4000	36"-48"
5 MAN	4000-6000	48"-54"
6 MAN	6000-8000	54"-60"

**ROCKERY DETAIL**  
NO SCALE

**SHEET INDEX**

C1 OF 4	TESC AND GRADING PLAN
C2 OF 4	DRAINAGE AND UTILITY PLAN
C3 OF 4	NOTES AND DETAILS
C4 OF 4	UTILITY

**CITY ENGINEER**  
MUKITEO PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION  
BY: \_\_\_\_\_  
FOR: \_\_\_\_\_  
R/W PERMIT NUMBER: \_\_\_\_\_



**VICINITY MAP**  
SCALE: 1" = 2000'

<b>APPLICANT/OWNER</b>	DAVID & JOAN LONEY 12661 WEST SAN JUAN COURT LITCHFIELD PARK, AZ 85340
<b>PROJECT ARCHITECT</b>	LOT DESIGN GROUP 22630 - 88TH AVE W EDMONDS, WA 98026 (TEL) 425-478-4814 CONTACT: LARRY THRONDSSEN
<b>SURVEYOR</b>	PACIFIC GEOMATIC SERVICES, INC. 6608 216TH ST SW, SUITE 304 MOUNTLAKE TERRACE, WA 98043 (TEL) 425-778-5620 pgs@pacgeoinc.com
<b>PROJECT ENGINEER</b>	J.C. McDONNELL ENGINEERING, PC 6608 216TH ST SW, SUITE 306 MOUNTLAKE TERRACE, WA 98043 (TEL) 425-744-0916 (FAX) 425-744-0946 john@jcmcdon.com

**LEGAL DESCRIPTION:**  
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SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

<b>TAX ACCOUNT NO.:</b> 28040300200200	<b>SITE ADDRESS:</b> 1603 DEBRELOAN LANE, MUKILTEO, WA 98275
---	--

**T.E.S.C AND GRADING PLAN**  
**LONEY SHORT PLAT**  
**NW SECTION 03, TOWNSHIP 28 N, RANGE 04 E**  
**SNOHOMISH COUNTY, WASHINGTON**

DRAWN BY TJW	DATE 01/24/2017	REV. BY TJW	DATE 05/31/2019	PROJECT MANAGER J.C. McDonnell	SCALE AS SHOWN
DRAWING FILE NAME 5999-Loney Plans.dwg	CHK. BY JCM	F.B. NO.	JOB NO.	5999	SHT. NO. C1 of 4

**GRADING QUANTITIES:**  
CUT: 205 Cu.Yds.  
FILL: 60 Cu.Yds.

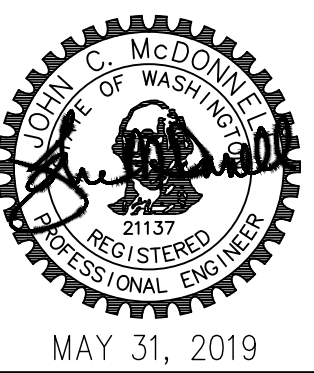
(GRADING QUANTITIES ARE ROUGH CALCULATIONS WHICH DO NOT ACCOUNT FOR SOIL SWELLING & SHRINKAGE.)  
1.) EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE.  
2.) ANY SOIL REMOVED FROM THE SITE MUST BE HAULED TO A CITY APPROVED SITE.



Know what's below.  
Call before you dig.

**UTILITY CONFLICT NOTE:**

**CAUTION:**  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT J.C. McDONNELL ENGINEERING, PC TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.



**J.C. McDONNELL**  
**ENGINEERING, PC**  
**civil engineers**  
P.O. BOX 13199, MILL CREEK, WASHINGTON TEL: (425) 744-0916  
FAX: (425) 744-0946







GENERAL NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT CITY OF MUKILTEO DEVELOPMENT STANDARDS, THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION; AND THE ADOPTED EDITION OF THE WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.
2. ALL WORK WITHIN THE PLAT AND CITY RIGHT-OF-WAY SHALL BE SUBJECT TO THE INSPECTION OF THE CITY.
3. PRIOR TO ANY SITE CONSTRUCTION INCLUDING CLEARING/LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER IS **PACIFIC GEOMATIC SERVICES, INC. (TEL) 425-778-5620**.
4. THE DEVELOPER, CONTRACTOR AND PROJECT ENGINEER IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS **JC McDONNELL ENGINEERING, PC 425-744-0916**.
5. PRIOR TO ANY SITE WORK, THE CONTRACTOR SHALL CONTACT THE CITY OF MUKILTEO PLANNING & COMMUNITY DEVELOPMENT AT 425-263-8000 TO SCHEDULE A PRECONSTRUCTION CONFERENCE.
6. ENGINEERED AS-BUILT DRAWINGS IN ACCORDANCE WITH THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE SHALL BE REQUIRED PRIOR TO FINAL SITE APPROVAL.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR UTILITY, ROAD, AND RIGHT-OF-WAY CONSTRUCTION. THE CONTRACTOR FOR THIS PROJECT IS  
CONTACT PERSON: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
MOBILE: \_\_\_\_\_  
24-HOUR EMERGENCY CONTACT AND PHONE: \_\_\_\_\_
8. THE CONSTRUCTION STORMWATER POLLUTION PREVENTION (SWPP) FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SWPPP PLANS PRIOR TO ANY GRADING OR LAND CLEARING. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED. SEDIMENT LADEN WATERS SHALL NOT ENTER THE NATURAL DRAINAGE SYSTEM.
9. A CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL) OR SWPPP SUPERVISOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SWPP FACILITIES, AS OUTLINED IN THE APPROVED SWPPP, OR AS MODIFIED FROM TIME TO TIME. CONTACT INFORMATION FOR THE CESCL (OR SWPPP SUPERVISOR) FOR THE PROJECT SHALL BE GIVEN TO THE CITY.
10. NONCOMPLIANCE WITH THE REQUIREMENTS FOR EROSION CONTROLS, WATER QUALITY AND CLEARING LIMITS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL, AND BOND FORECLOSURES.
11. 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. COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 7-08.3(3) AND 2-03.3(14) OF THE WSDOT STANDARD SPECIFICATIONS.
12. THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING 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 ASSISTANCE IN UTILITY LOCATION, CALL 811.
13. PRIOR TO CONSTRUCTION THE OWNER AND/OR CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE PUBLIC WORKS DIRECTOR WHEN CONFLICTS EXIST BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED (INCLUDING PLAN AND PROFILE REVISIONS) AND RESUBMITTED FOR APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
14. THE CONTRACTOR SHALL KEEP TWO SETS OF PLANS ON SITE AT ALL TIMES FOR RECORDING AS-BUILT INFORMATION; ONE SET SHALL BE SUBMITTED TO THE PROJECT ENGINEER, AND ONE SET SHALL BE SUBMITTED TO THE CITY AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK.
15. A GRADING PERMIT ISSUED PURSUANT TO THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE, AND APPROVAL OF THE TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE OBTAINED FROM THE PLANNING & COMMUNITY DEVELOPMENT DEPARTMENT PRIOR TO ANY ON-SITE GRADING WORK NOT EXPRESSLY EXEMPT BY THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE.

STORM DRAINAGE NOTES

1. ALL PIPE SHALL BE PLACED ACCORDING DIVISION 7 OF THE WSDOT STANDARD SPECIFICATIONS.
2. BACKFILL SHALL BE PLACED EQUALLY ON BOTH SIDES OF THE PIPE OR PIPE-ARCH IN 6 AVERAGE DEPTH LOOSE LIFTS. MAXIMUM LIFT DEPTH SHALL NOT EXCEED 9". EACH LIFT SHALL BE THOROUGHLY COMPACTED. COMPACTED LIFTS MUST EXTEND AT LEAST ONE PIPE DIAMETER ON EACH SIDE OF THE PIPE OR TO THE SIDE OF THE TRENCH. BACKFILL OVER THE PIPE SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 7-08.3(3) THE WSDOT STANDARD SPECIFICATIONS.
3. ALL GRATES LOCATED IN THE GUTTER FLOW LINE (INLET AND CATCH BASIN) SHALL BE DEPRESSED 0.1 FEET BELOW PAVEMENT LEVEL.
4. ALL CATCH BASINS ARE TO BE TYPE I UNLESS OTHERWISE APPROVED BY THE CITY OR DESIGNATED REPRESENTATIVE. THE USE AND INSTALLATION OF INLETS IS NOT ALLOWED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET AND CATCH BASIN FRAMES AND GRATES TO GRADE JUST PRIOR TO CURB INSTALLATION AND/OR PAVING.
6. ALL CATCH BASINS WITH A DEPTH OF 5 FEET OR GREATER TO THE FLOW LINE SHALL BE TYPE II CATCH BASINS.
7. VANED GRATES ARE REQUIRED ON ALL STORM STRUCTURES. ALL CATCH BASINS AND MANHOLES SHALL HAVE LOCKING LIDS. ROLLED GRATES ARE NOT APPROVED FOR USE.
8. POLYPROPYLENE SAFETY STEPS AND LADDER STEPS SHALL BE PROVIDED IN ALL MANHOLES AND SHALL BE POSITIONED CORRECTLY WITH THE BOLT AREAS ON THE RIM.
9. CATCH BASIN FRAMES AND GRATES SHALL BE OLYMPIC FOUNDRY MODEL SM60, SM52, OR SM44. LOCKING TYPE OR EQUIVALENT. MODEL SM52 SHALL BE REFERRED TO AS A THROUGH CURB INLET ON THE PLANS.
10. DETENTION PONDS WITH SIDE SLOPES STEEPER THAN 3:1 OR WITH A MAXIMUM WATER DEPTH GREATER THAN 3 FEET SHALL REQUIRE A VINYL COATED CHAIN LINK PERIMETER FENCE. SIDE SLOPE AVERAGING SHALL NOT BE ALLOWED. ALL INLET AND OUTFALL PIPES SHALL HAVE A TRASH RACK INSTALLED AND A MORTARED RIPRAP HEADWALL.
11. PRIOR TO SIDEWALK CONSTRUCTION: LOT DRAINAGE SYSTEMS, STUB-OUTS AND ANY BEHIND SIDEWALK DRAINS MUST BE INSTALLED AS REQUIRED. PIPE SHALL BE PVC 3034, OR SDR-35. STUB-OUTS SHALL BE MARKED WITH A 2" X 4" WITH 3 FEET VISIBLE ABOVE GRADE AND MARKED "STORM". LOCATIONS OF THESE INSTALLATIONS SHALL BE SHOWN ON THE AS-BUILT CONSTRUCTION PLANS SUBMITTED TO THE CITY.
12. STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED BY THE DEVELOPER PRIOR TO:
- A. CITY OF MUKILTEO FINAL ACCEPTANCE OF THE PROJECT AND;
- B. UPON COMMENCEMENT AND COMPLETION OF THE 2 YEAR WARRANTY PERIOD FOR THE STORM DRAINAGE SYSTEM. AN INVOICE DETAILING THE FLUSHING AND CLEANING SHALL BE PROVIDED TO THE CITY.
13. ALL PIPES SHALL BE INSTALLED WITH RUBBER GASKETS AS PER MANUFACTURER'S RECOMMENDATIONS.
14. COVERAGE REQUIREMENTS FOR 12 DIAMETER PIPE:
- BACKFILL OVER PIPE LESS THAN 12 REQUIRES RCP CLASS IV.  
BACKFILL OVER PIPE LESS THAN 24 REQUIRES RCP MINIMUM.  
BACKFILL OVER PIPE GREATER THAN 24 REQUIRES 16 GAGE CMP MINIMUM.
15. CORRUGATED POLYETHYLENE PIPE (CPP):
- A. ALL PIPE SHALL BE SMOOTH INTERIOR. CPP SHALL BE DOUBLE-WALLED. ALL PIPE SHALL MEET AASHTO AND ASTM SPECIFICATIONS.
- B. UPON REQUEST BY THE CITY INSPECTOR, ALL PIPE RUNS SHALL PASS THE LOW PRESSURE AIR TEST REQUIREMENTS OF SECTION 7-04.3(1) E & F OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. PIPE RUNS SHALL BE TESTED WITH PIPE LOADED AND COMPACTED TO FINISH GRADE.
- C. UPON REQUEST BY THE CITY INSPECTOR, PIPE SHALL BE SUBJECT TO MANDREL TESTING (MANDREL SIZE = 90% OF NOMINAL PIPE DIAMETER).
- D. PIPE SHALL BE STORED ON SITE IN SHIPPING BUNKS ON A FLAT LEVEL SURFACE. THIS REQUIREMENT WILL BE STRICTLY ENFORCED; FAILURE TO COMPLY MAY RESULT IN REJECTION OF THE PIPE AND/OR FUTURE RESTRICTION ON USE OF MATERIAL.
- E. MINIMUM DEPTH OF COVER SHALL BE 2 FEET.
- F. COUPLINGS SHALL BE INTEGRAL BELL AND SPIGOT OR DOUBLE BELL SEPARATE COUPLINGS. SPLIT COUPLINGS WILL NOT BE ALLOWED.
- G. BACKFILL SHALL COMPLY WITH SECTION 7-08.3(3) OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION WITH THE EXCEPTION THAT THE SECOND PARAGRAPH OF SECTION 7-08.3(3) IS DELETED AND REPLACED WITH:  
THE MATERIAL USED FOR BACKFILLING AROUND AND TO A POINT 1 FOOT ABOVE THE TOP OF THE PIPE SHALL BE CLEAN EARTH OR SAND, FREE FROM CLAY, ANY GRAVEL OR STONES INCLUDED IN THE BACKFILL SHALL PASS THROUGH A 1" INCH SIEVE.

16. ALL NON-PERFORATED METAL PIPE SHALL HAVE NEOPRENE GASKETS AT THE JOINTS. O-RING GASKETS MAY BE USED FOR TYPE-F COUPLING BAND.
17. CULVERT ENDS SHALL BE BEVELED TO MATCH SIDE SLOPES. FIELD CUTTING OF CULVERT ENDS IS PERMITTED WHEN APPROVED BY THE CITY.
18. ALL FIELD CUT CULVERT PIPE SHALL BE TREATED AS REQUIRED IN THE STANDARD SPECIFICATIONS OR GENERAL SPECIAL PROVISIONS.

SITE GRADING AND SWPPP NOTES

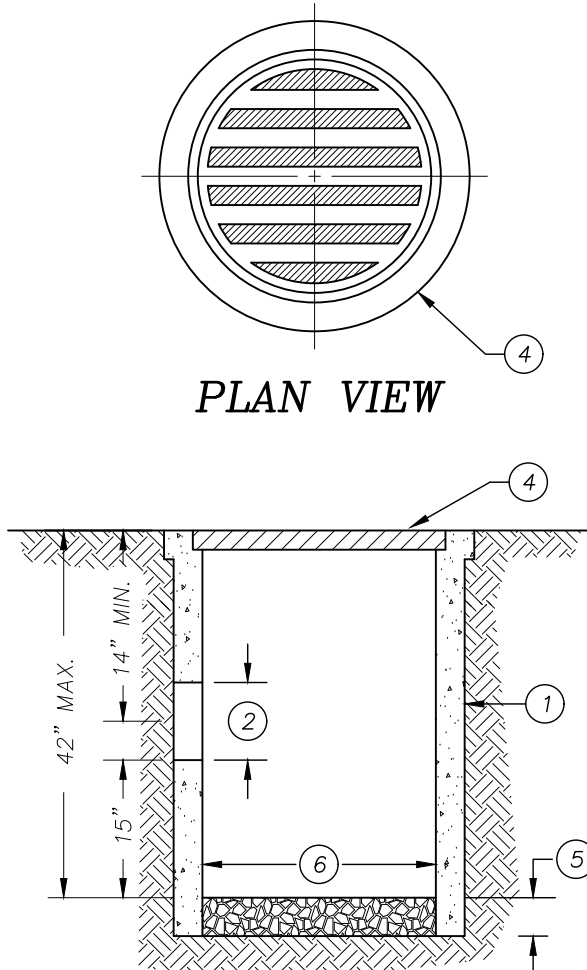
1. PRIOR TO ANY SITE WORK, INCLUDING CLEARING, LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER IS **PACIFIC GEOMATIC SERVICES, INC. (TEL) 425-778-5620**.
2. SOILS IN MUKILTEO OFTEN CONTAIN FINER PARTICLES WHICH WILL PASS THROUGH SEDIMENT TRAPS UNTRAPPED AND HAVE EXTREMELY LONG SETTLING TIMES. THEREFORE, THE NEED TO CONTROL EROSION FROM THE SITE IS THE FIRST PRIORITY AND SHOULD BE EMPHASIZED.
3. THE CONSTRUCTION STORMWATER POLLUTION PREVENTION FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SWPPP PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING. AN INSPECTION BY THE CITY OF THESE FACILITIES SHALL BE ARRANGED FOR BY THE CONTRACTOR PRIOR TO ANY GRADING. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED.
4. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDROSEEDING IS PREFERRED.
5. THE DEVELOPER (OR PROJECT ENGINEER) IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS \_\_\_\_\_.
6. IF THE PROJECT WILL DISTURB MORE THAN ONE (1) ACRE OF LAND, THEN A CONSTRUCTION NPDES PERMIT IS REQUIRED AND A CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL) SHALL BE ASSIGNED TO THE SITE. THE CESCL'S NAME, PHONE NUMBER, AND CESCL CERTIFICATE NUMBER IS \_\_\_\_\_.
7. ALL SITE WORK MUST BE PERFORMED IN ACCORDANCE WITH THE CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.
8. ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS. A PRECONSTRUCTION SOILS INVESTIGATION MAY BE REQUIRED TO EVALUATE SOILS STABILITY.
9. 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 BE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER EXPERIENCED IN SOIL MECHANICS.
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 COMPACTING EACH LIFT AS THE SLOPE IS BEING CONSTRUCTED. ALL SLOPES SHALL BE COMPACTED BY THE END OF EACH WORKING DAY.
11. ALL STRUCTURAL FILLS SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY IN THE UPPER 4 FEET & 90% MAXIMUM DENSITY BELOW 4 FEET AS DETERMINED BY MODIFIED PROCTOR.
12. NONCOMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS AND CLEARING LIMITS VIOLATIONS MAY RESULT IN REVOCATION OF PROJECT PERMITS AND PLAN APPROVAL AND BOND FORECLOSURES.
13. UPON COMPLETION OF WORK, FINAL REPORTS MUST BE SUBMITTED TO THE CITY IN CONFORMANCE WITH THE CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.
14. A WET WEATHER EROSION CONTROL PLAN MUST BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL ON OR BEFORE SEPTEMBER 1. IF THE PROJECT IS PROPOSING TO ACTIVELY CLEAR, GRADE, OR OTHERWISE DISTURB 1,000 SQUARE FEET OR MORE OF SOIL DURING THE PERIOD BETWEEN OCTOBER 1 AND APRIL 30, OTHER THRESHOLDS FOR A WET WEATHER EROSION CONTROL PLAN INCLUDE PROJECTS THAT:
- A. HAVE AREA(S) THAT DRAIN, BY PIPE, OPEN DITCH, SHEET FLOW, OR A COMBINATION OF THESE TO A TRIBUTARY WATER, AND THE TRIBUTARY WATER IS ONE-QUARTER MILE OR LESS DOWNSTREAM; OR
- B. HAVE SLOPES STEEPER THAN 15 PERCENT ADJACENT OR ON-SITE; OR
- C. HAVE HIGH POTENTIAL FOR SEDIMENT TRANSPORT, AS DETERMINED BY THE CONSTRUCTION SITE SEDIMENT TRANSPORT POTENTIAL WORKSHEET; OR
- D. HAVE A CRITICAL AREA OR CRITICAL AREA BUFFER ON-SITE, OR WITHIN 50 FEET OF THE SITE; OR
- E. HAVE HIGH GROUNDWATER TABLE OR SPRINGS.

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 EROSION CONTROL ELEMENTS, ESPECIALLY END-RUNS AND SEDIMENT BUILD-UP. NECESSARY REPAIRS TO BARRIERS SHALL BE ACCOMPLISHED THE SAME DAY.
2. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. SEDIMENT DEPOSITS MUST BE REMOVED WHEN THE SEDIMENT LEVEL REACHES APPROXIMATELY ONE-HALF THE SILTATION BARRIER HEIGHT.
3. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE CHECK DAM IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

TEMPORARY SEEDING GENERAL NOTES

1. USE SEEDING THROUGHOUT THE PROJECT ON DISTURBED AREAS THAT HAVE REACHED FINAL GRADE OR THAT WILL REMAIN UNWORKED FOR MORE THAN 30 DAYS.
2. THE OPTIMUM SEEDING WINDOWS ARE APRIL 1 THROUGH JUNE 30 AND SEPTEMBER 1 THROUGH OCTOBER 1.
3. BETWEEN OCTOBER 1 AND MARCH 30 SEEDING REQUIRES A COVER OF MULCH WITH STRAW OR AN EROSION CONTROL BLANKET UNTIL 75 PERCENT GRASS COVER IS ESTABLISHED.
4. REVIEW ALL DISTURBED AREAS IN LATE AUGUST TO EARLY SEPTEMBER AND COMPLETE ALL SEEDING BY THE END OF SEPTEMBER.
- A. MULCH IS REQUIRED AT ALL TIMES FOR SEEDING. MULCH CAN BE APPLIED ON TOP OF THE SEED OR SIMULTANEOUSLY BY HYDROSEEDING (SEE ECOLOGY BMP C121 MULCHING FOR SPECIFICATIONS).
- B. SEED AND MULCH ALL DISTURBED AREAS NOT OTHERWISE VEGETATED AT FINAL SITE STABILIZATION.



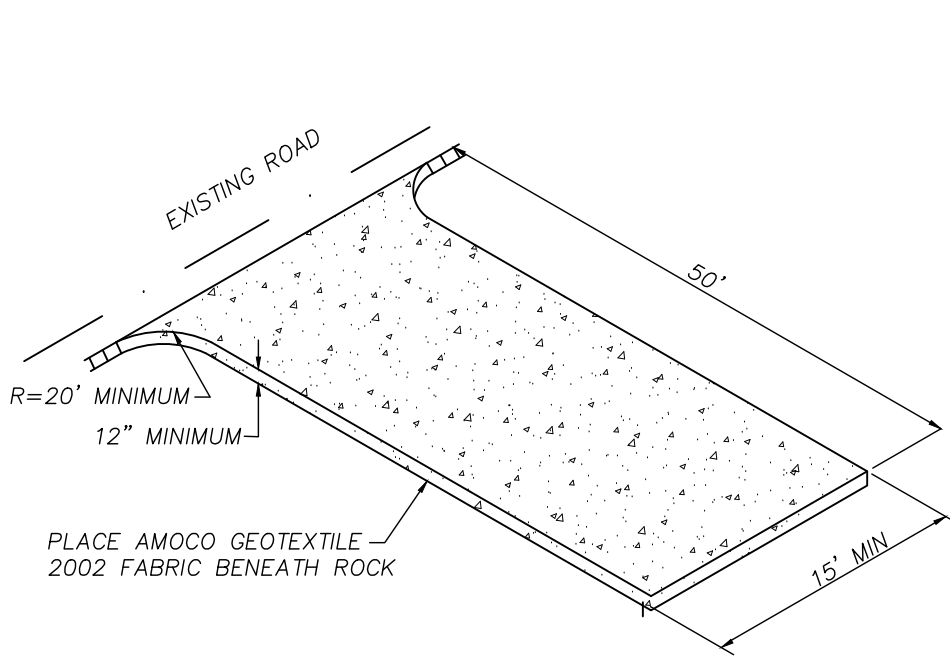
NOTES

- ① YARD DRAINS TO BE CONSTRUCTED FROM CONCRETE PIPE IN ACCORDANCE WITH ASTM C-14 UNLESS OTHERWISE SHOWN ON THE PLANS OR NOTED IN SPECIFICATIONS.
- ② CUTOUT HOLE SIZE IN EQUAL TO OUTLET PIPE OUTSIDE DIAMETER PLUS YARD DRAIN WALL THICKNESS.
- ③ CONNECTION TO OUTLET PIPE TO BE MORTARED AND MADE FLUSH WITH INSIDE OF THE YARD DRAIN WALL.
- ④ CAST IRON BELL GRADE FITS INTO BELL RECESS AND EXTENDS FLUSH WITH FACE OF BELL. THE GRADE SHALL HAVE SLOTS (HOLES) THAT CONSTITUTE 50 PERCENT OPEN AREA FOR DRAINAGE. INLET BELL SURFACE SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
- ⑤ WASHED DRAIN ROCK - 6 INCHES MINIMUM DEPTH
- ⑥ VARIES 12 OR 18 INCHES
- ⑦ SPECIAL CAST YARD DRAIN MAY BE REQUIRED FOR MULTIPLE PIPE CONNECTIONS.

YARD DRAIN DETAIL

NOT TO SCALE

NW SECTION 03, TOWNSHIP 28 N, RANGE 04 E

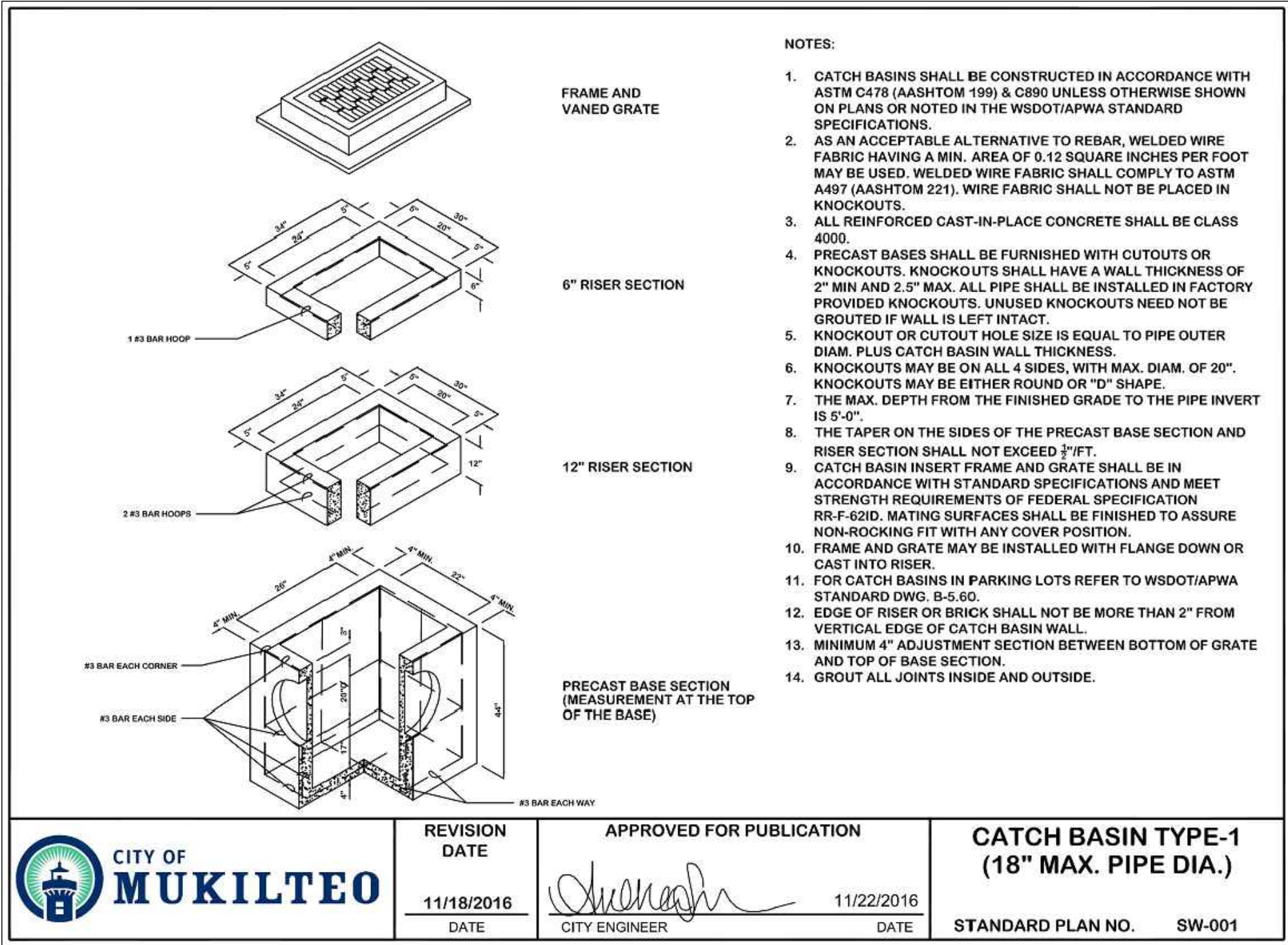


NOTES:

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 6" CRUSHED BALLAST ROCK WSDOT STANDARD SPECIFICATION 9-03.9 (1)
3. ENTRANCE DIMENSIONS: THE AGGREGATE LAYER MUST BE AT LEAST 6 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 VEHICLE TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER A PUBLIC ROAD. WASH WATER MUST BE CARRIED AWAY FROM THE 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 RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2-INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT OF 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.

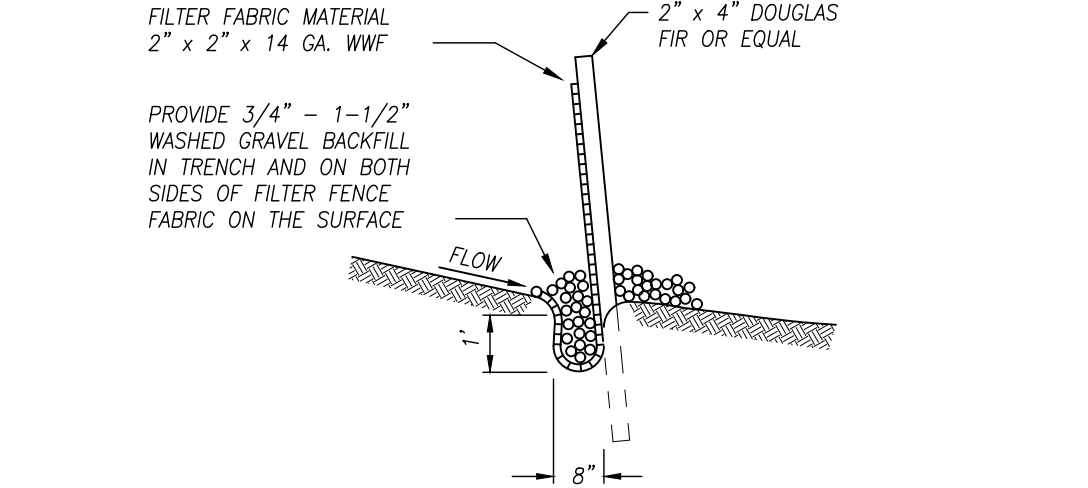
TEMPORARY CONSTRUCTION ENTRANCE

NOT TO SCALE



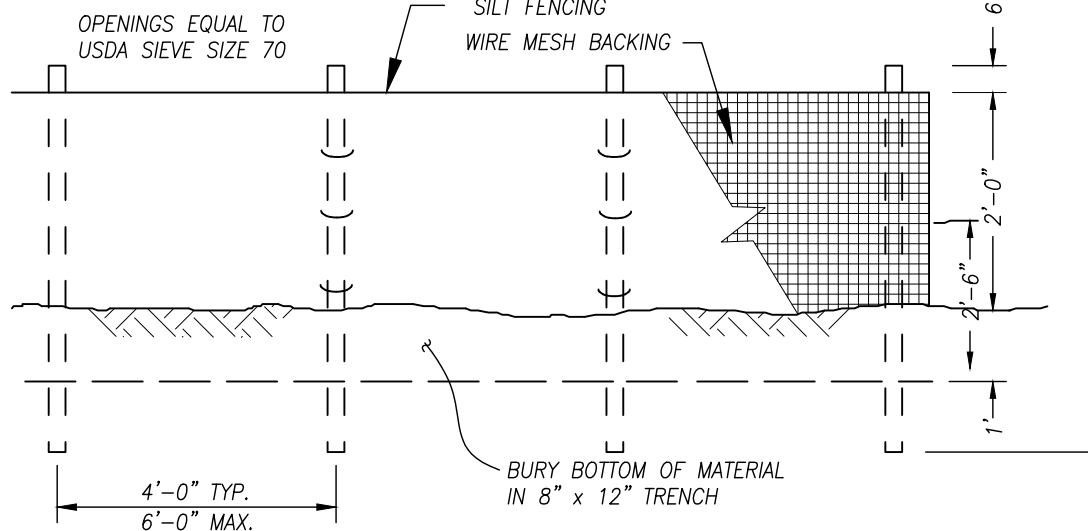
NOTES:

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (AASHTO 199) & C890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE WSDOT/APWA STANDARD SPECIFICATIONS.
2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN. AREA OF 0.12 SQUARE INCHES PER FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTOM 221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN AND 2.5" MAX. 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 OUTER DIAM. PLUS CATCH BASIN WALL THICKNESS.
6. KNOCKOUTS MAY BE ON ALL 4 SIDES, WITH MAX. DIAM. OF 20". KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE.
7. THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 9'-0".
8. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 2:1 FT.
9. CATCH BASIN INSERT FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-620D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
10. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
11. FOR CATCH BASINS IN PARKING LOTS REFER TO WSDOT/APWA STANDARD DWG. B-5-60.
12. EDGE OF RISER OR BRICK SHALL NOT BE MORE THAN 2" FROM VERTICAL EDGE OF CATCH BASIN WALL.
13. MINIMUM 4" ADJUSTMENT SECTION BETWEEN BOTTOM OF GRATE AND TOP OF BASE SECTION.
14. GROUT ALL JOINTS INSIDE AND OUTSIDE.



NOTES:

- PLACE 12" OF 3/4" - 1-1/2" WASHED ROCK OR PEA GRAVEL ON BOTH SIDES OF THE FENCE TO CREATE A BEVEL SHAPE.
- FABRIC SHALL COVER BOTTOM OF 9" x 12" TRENCH AND EXTEND BEYOND THE LIMITS OF THE GRAVEL IN ORDER TO MAINTAIN AN EXCESS OVERLAP OF 2" MINIMUM AS SHOWN.



SILT FENCE DETAIL

NOT TO SCALE



Know what's below.  
Call before you dig.

REV. NO.	DESCRIPTION	INITIALS	DATE
1	REVISED PER CITY COMMENTS	TJW	05/31/19

UTILITY CONFLICT NOTE:

CAUTION:

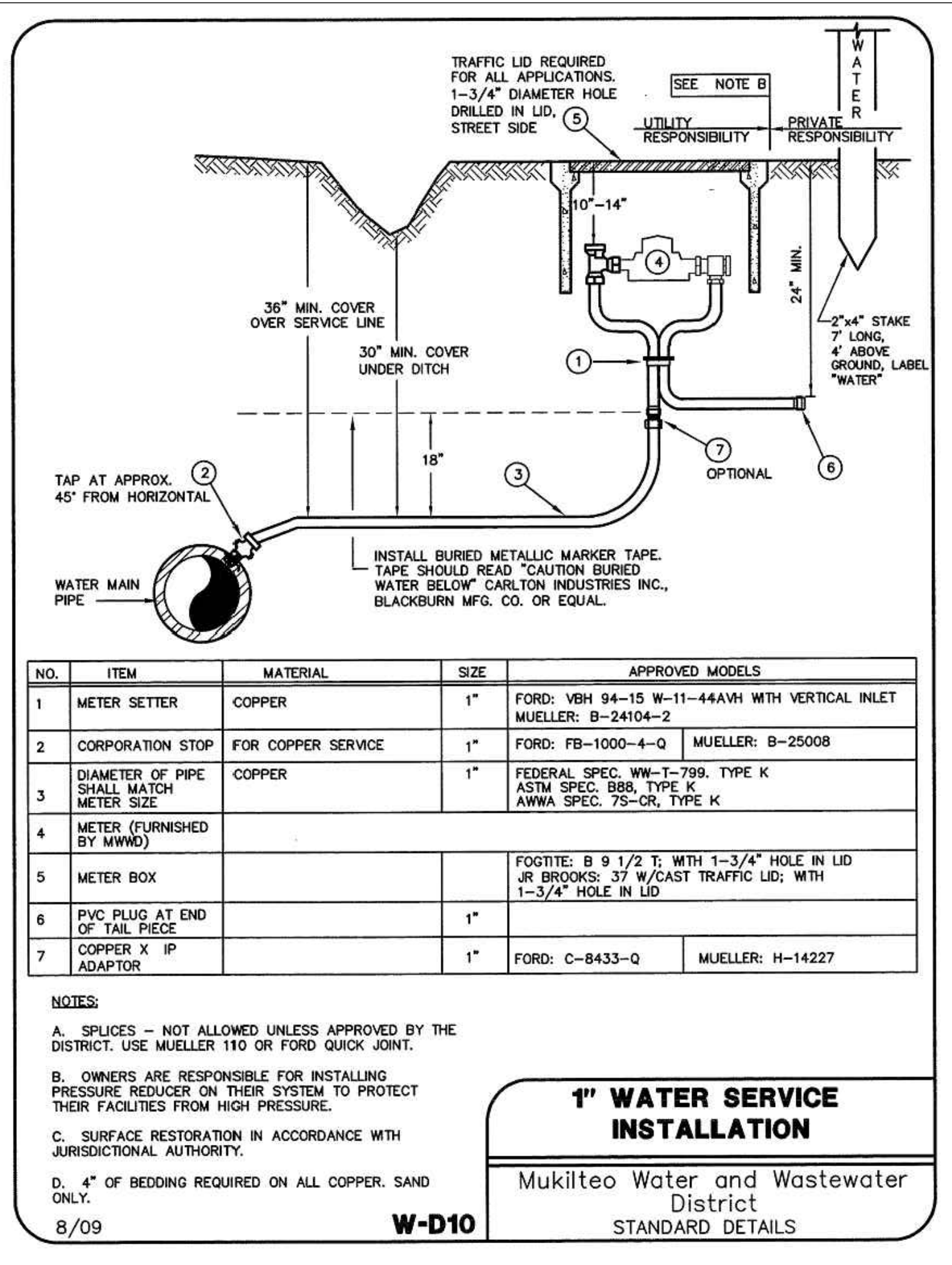
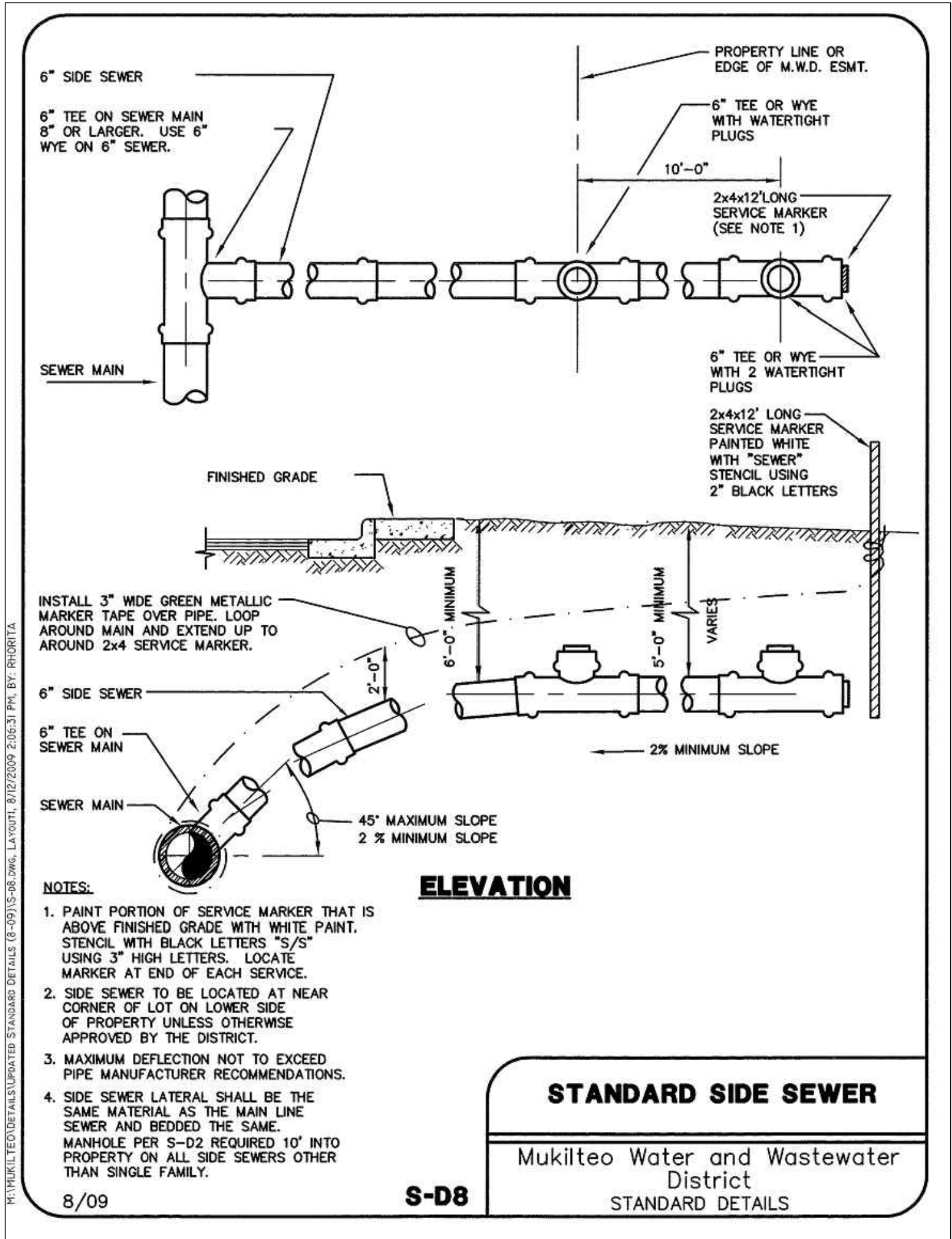
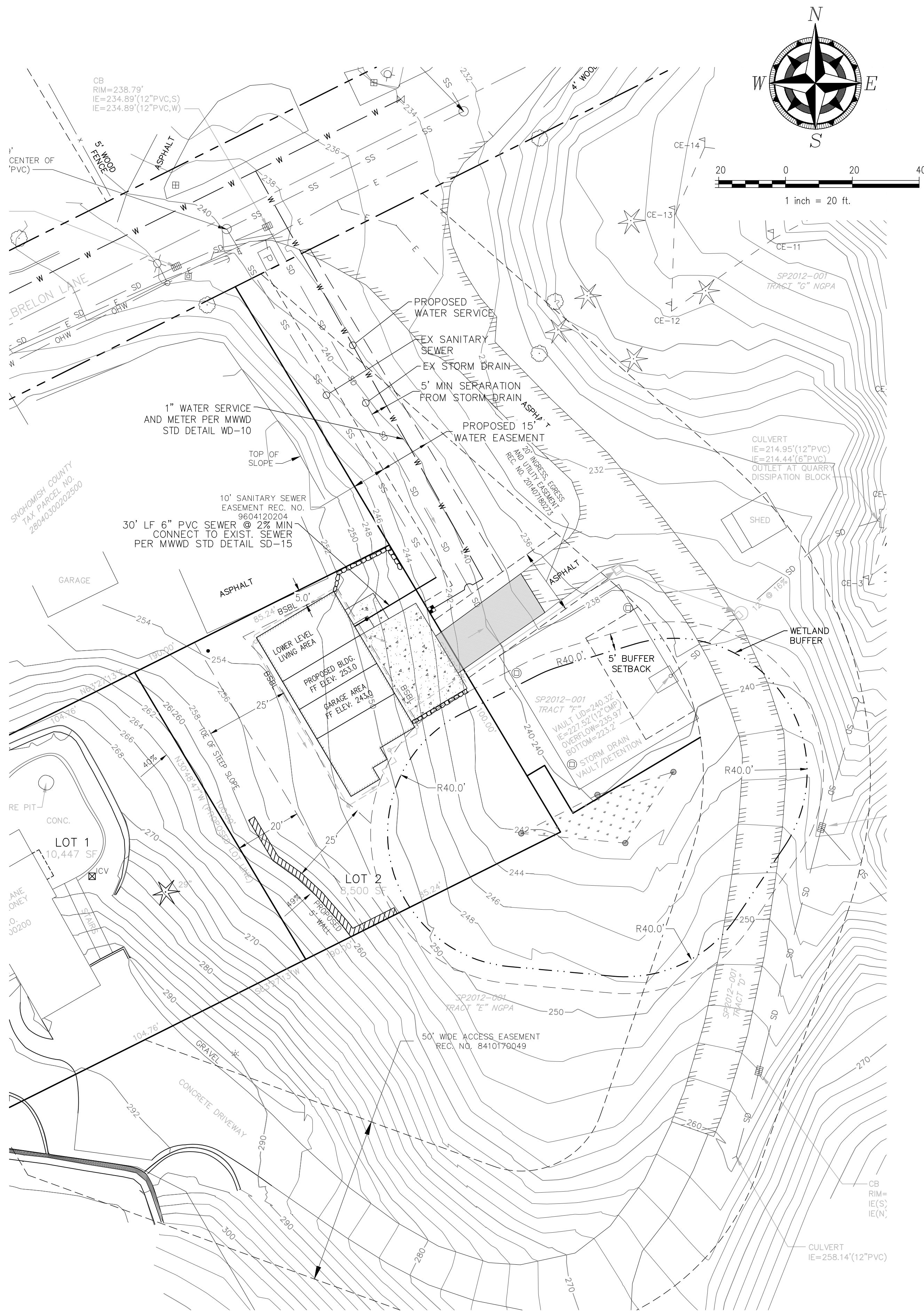
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BY POT-HOULING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOULING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT J.C. McDONNELL ENGINEERING, PC TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.



**J.C. McDONNELL**  
ENGINEERING, PC  
civil engineers  
P.O. BOX 13199, MILL CREEK, WASHINGTON TEL: (425) 744-0916  
FAX: (425) 744-0946

<b>CITY ENGINEER</b> MUKITEO PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY: _____ FOR: _____ R/W PERMIT NUMBER: _____		<b>TAX ACCOUNT NO.:</b> 28040300200200	<b>SITE ADDRESS:</b> 1603 DEBRELON LANE, MUKILTEO, WA 98275
<b>NOTES AND DETAILS</b> <b>LONEY SHORT PLAT</b> NW SECTION 03, TOWNSHIP 28 N, RANGE 04 E SNOHOMISH COUNTY, WASHINGTON		<b>DRAWN BY</b> TJW 01/24/2017	<b>DATE</b> REV. BY TJW 05/31/2019
<b>SCALE</b> NONE C3 of 4		<b>PROJECT MANAGER</b> J.C. McDonnell	<b>JOB NO.</b> 5999





**LEGEND**

- RD PROPOSED ROOF DRAIN
- SD PROPOSED STORM DRAIN
- PROPOSED STORM DRAIN CLEANOUT
- SS PROPOSED SEWER LINE
- W PROPOSED WATER LINE
- PROPOSED SEWER CLEANOUT
- PROPOSED WATER METER
- 391.8 PROPOSED SPOT ELEVATION
- 384 — EXISTING CONTOUR LINE
- 384 — PROPOSED CONTOUR LINE

MUKILTEO WATER AND WASTEWATER DISTRICT  
7824 MUKILTEO SPEEDWAY  
MUKILTEO, WA 98275  
425-355-3355



REV. NO.	DESCRIPTION	INITIALS	DATE
1	REVISED PER CITY COMMENTS	TJW	05/31/19

**UTILITY CONFLICT NOTE:**

**CAUTION:**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT J.C. McDONNELL ENGINEERING, PC TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.



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FAX: (425) 744-0946

<b>CITY ENGINEER</b> MUKILTEO PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION		<b>TAX ACCOUNT NO.:</b> 28040300200200		<b>SITE ADDRESS:</b> 1603 DEBRELON LANE, MUKILTEO, WA 98275	
BY: _____ FOR: _____ R/W PERMIT NUMBER: _____		DRAWN BY: TJW DATE: 01/24/2017 DRAWING FILE NAME: 5999-Loney Planset.dwg		DATE: 05/31/2019 PROJECT MANAGER: J.C. McDonnell JOB NO.: 5999 SCALE: AS SHOWN SHT. NO.: C4 OF 4	