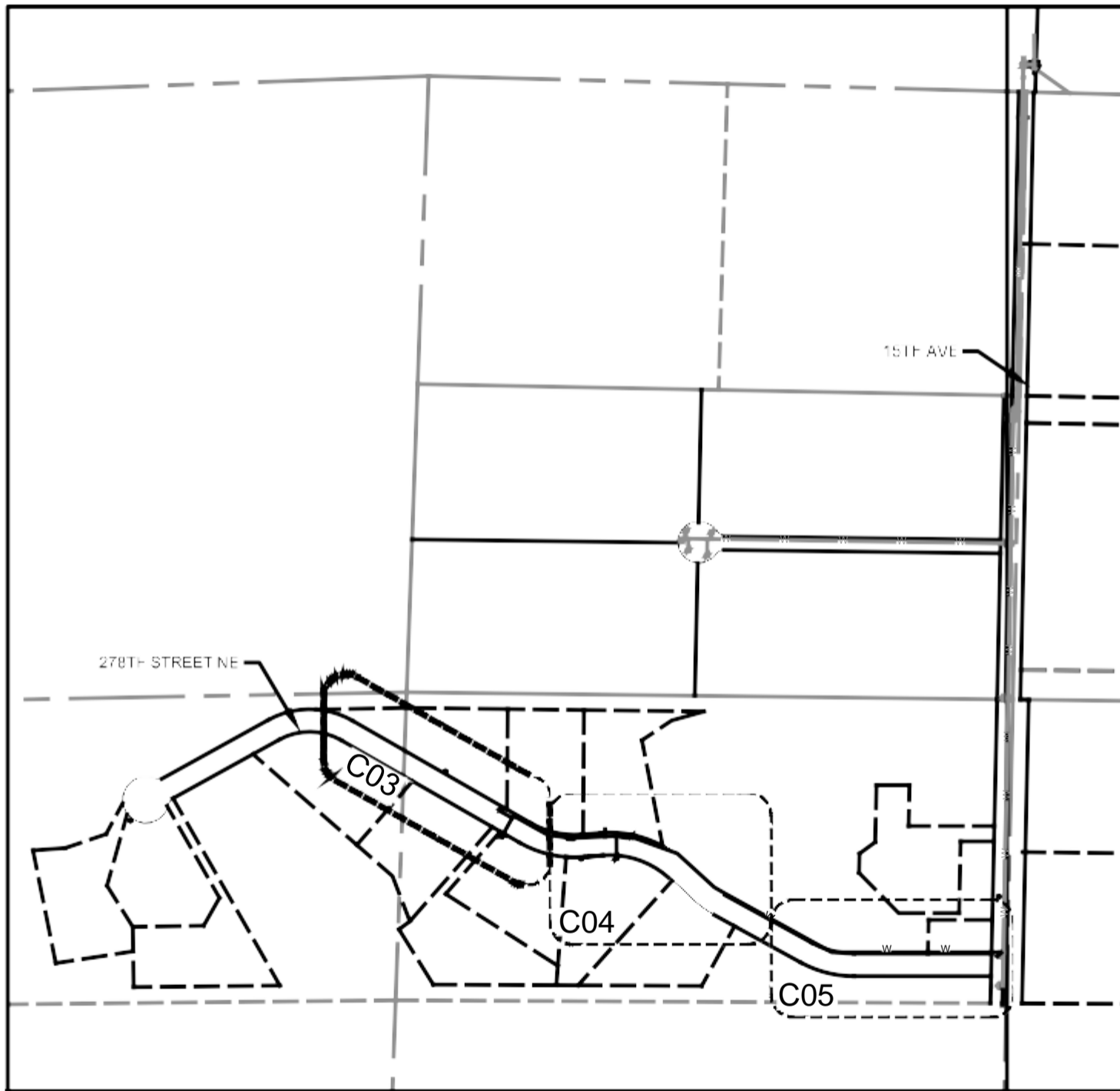
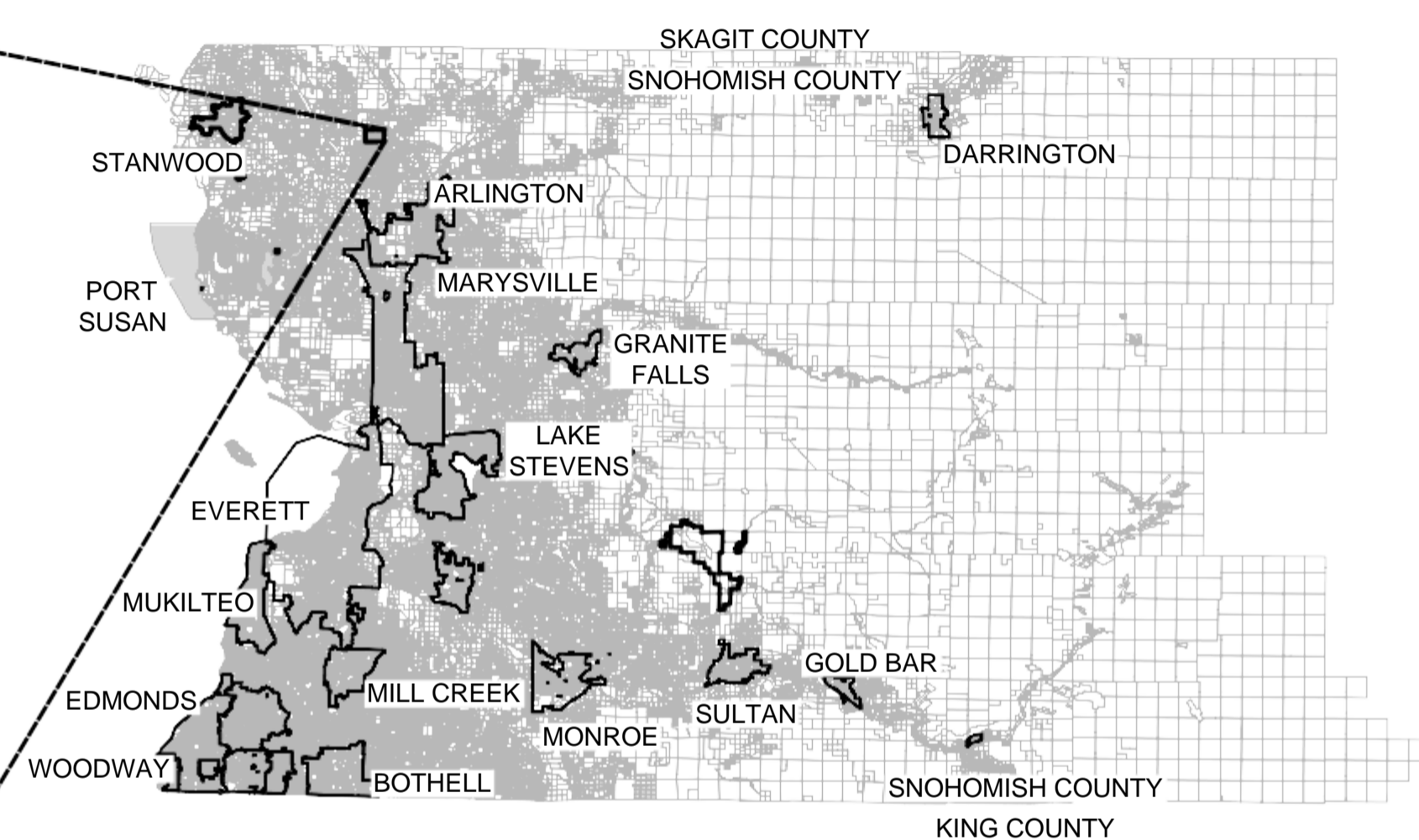


TATOOSH WATER COMPANY VIEWMONT ESTATES - DEVELOPER EXTENSION ARLINGTON, WA

CAD FILE NUMBER: P:\CLIENTS-WATER\TATOOSH\DEVELOPER EXTENSION\DRAWING\TATOOSH_VIEWMONT ESTATES\DWG\LAST MODIFIED BY: NICK - SAVE DATE: 8/22/2018 4:10 PM - SHEET SET: TATOOSH WATER EXTENSION_VIEWMONT ESTATES - ORIGINAL SHEET SIZE: ARCH FULL BLEED D (24.00 X 36.00 INCHES)/AUTOCAD VERSION: CIVIL 3D 2015



KEY MAP
1"=200'



SNOHOMISH COUNTY MAP
NOT TO SCALE

PROJECT INFORMATION:

APPLICANT:
VIEWMONT ESTATES
CAMERON BROWN
1126 278TH ST NE
ARLINGTON, WA 98223

CIVIL ENGINEER:
JEFFREY M. TASOFF, P.E.
DAVIDO CONSULTING GROUP, INC.
2210 RIVERSIDE DRIVE SUITE 110
MOUNT VERNON, WA 98273

| DRAWING LIST | |
|--------------|------------------------------|
| PLAN NO. | DRAWING TITLE |
| C01 | COVER SHEET |
| C02 | NOTES |
| C03 | PLAN & PROFILE - 278TH ST NE |
| C04 | PLAN & PROFILE - 278TH ST NE |
| C05 | PLAN & PROFILE - 278TH ST NE |
| C06 | DETAILS |
| C07 | DETAILS |

| No. | DATE | BY | REVISION |
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Vernon WA
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OWNER:
CAMERON BROWN
1126 278TH ST NE
ARLINGTON, WA 98223

PROJECT:
TATOOSH WATER COMPANY
VIEWMONT ESTATES - DEVELOPER EXTENSION
COVER SHEET

PROJ. MANAGER: JT
DESIGNED BY: SG
DRAWN BY: RB
CHECKED BY: JT
SCALE: AS SHOWN
DATE: 8/23/2018
REV: 1
SHEET: 1 OF 7

SHEET NUMBER
C01

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CAD FILE NUMBER: P:\CLIENTS-WATER\TATOOSH\DEVELOPER EXTENSION\DRAWING\TATOOSH_VIEWMONT ESTATES\DWG\LAST MODIFIED BY: NICK - SAVE DATE: 8/23/2018 4:10 PM - SHEET SET: TATOOSH-WATER EXTENSION_VIEWMONT ESTATES - ORIGINAL SHEET SIZE: ARCH FILL BLEED (24.00 X 36.00 INCHES)\AUTOCAD VERSION: CIVIL 3D 2015

WATER NOTES:

1. WATER MAINS, VALVES, FITTINGS, HYDRANTS, SERVICES, AND ALL OTHER COMPONENTS SHALL BE INSTALLED AND PRESSURE TESTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE AND MUNICIPAL CONSTRUCTION, WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, SECTION 7-09.
2. THE CONTRACTOR SHALL GIVE THE TATOOSH WATER COMPANY AND WATER AND WASTEWATER SERVICE 360-466-4443 A MINIMUM OF 72 HOURS NOTICE OF ANY PLANNED CONNECTION TO AN EXISTING PIPELINE. THIS INCLUDES LIVE TAPS. NOTICE IS REQUIRED SO ANY DISRUPTIONS TO EXISTING SERVICES CAN BE SCHEDULED. THE CONTRACTOR SHALL NOTIFY CUSTOMERS INVOLVED OR AFFECTED OF THE WATER SERVICE INTERRUPTION 24 HOURS IN ADVANCE OF THE INTERRUPTION. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO SCHEDULE WATER MAIN CONSTRUCTION WITH A MINIMUM INTERRUPTION OF WATER SERVICE.
3. IN CERTAIN SITUATIONS, THE ASSOCIATION MAY DICTATE SCHEDULING OF WATER MAIN SHUTDOWNS SO AS NOT TO IMPOSE UNNECESSARY SHUTDOWNS DURING SPECIFIC PERIODS TO EXISTING CUSTOMERS.
4. ALL WATER MAINS SHALL BE PVC SCH 80 (2" OR LESS), PVC C900, OR DI CLASS 52 PIPE AS SPECIFIED ON THE PLANS. HIGH DENSITY POLYETHYLENE (HDPE) PIPE SDR 9 MAY BE USED IN PLACE OF PVC SPECIFIED ON PLANS. HDPE PIPE SHALL BE BLACK PE 3408 MADE OF NEW RESINS AND MEETING THE REQUIREMENTS OF ASTM D 3350 CELL CLASSIFICATION 345464C, ASTM F714, AWWA C901, AND AWWA C906. PROVISIONS FOR PIPE EXPANSION MUST BE ACCOUNTING FOR WHEN INSTALLING HDPE PIPING.
5. WATER MAIN FITTINGS SHALL BE DUCTILE IRON. DUCTILE IRON FITTINGS SHALL MEET THE REQUIREMENTS OF AWWA C153 AND JOINTS SHALL MEET THE REQUIREMENTS OF AWWA C111. DUCTILE IRON FITTINGS SHALL BE CEMENT MORTAR LINED, MEETING THE REQUIREMENTS OF AWWA C104. GASKETS FOR FLAT FACED OR RAISED FACED FLANGES SHALL BE 1/8-INCH THICK NEOPRENE HAVING A DUROMETER OF 60 PLUS OR MINUS 5 OR 1/16-CLOTH INSERTED. THE TYPE, MATERIAL, AND IDENTIFICATION MARK FOR BOLTS AND NUTS SHALL BE PROVIDED. BOLTS, NUTS, AND WASHERS USED FOR SECURING FITTINGS SHALL BE OF SIMILAR MATERIALS. STEEL BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A 307 OR ASTM F 568 FOR CARBON STEEL OR ASTM F 593 OR ASTM F 738 FOR STAINLESS STEEL. NUTS SHALL MEET THE REQUIREMENTS OF ASTM A 563 OR ASTM A 563 FOR CARBON STEEL OR ASTM F 594 OR ASTM F 836 FOR STAINLESS STEEL. IRON BOLTS AND NUTS SHALL MEET THE REQUIREMENTS OF ASTM A 536, GRADE 65-45-12.
6. ALL NON-METALLIC PIPE AND SERVICES SHALL BE INSTALLED WITH CONTINUOUS TRACER TAPE INSTALLED 12 TO 18 INCHES UNDER THE FINAL GROUND SURFACE. NO BREAKS OR SPLICES WILL BE ALLOWED. A CONTINUOUS LOOP SHALL BE PLACED FROM THE MAIN LINE TO THE METER BOX AND BACK TO THE MAIN LINE. THE MARKER SHALL BE PLASTIC NON-BIODEGRADABLE, METAL CORE OR BACKING WHICH CAN BE DETECTED BY A STANDARD METAL DETECTOR. TAPE SHALL BE TERRA TAPE 'D' OR APPROVED EQUAL. IN ADDITION TO TRACER TAPE, INSTALL 14 GAUGE COATED COPPER WIRE, TAPED TO THE TOP OF PIPE, BROUGHT UP AND TIED OFF AT VALVE BODY.
7. THE MINIMUM COVER FOR ALL WATER MAINS FROM TOP OF PIPE TO FINISH GRADE SHALL BE 36 INCHES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
8. ALL VALVES AND FITTINGS SHALL BE DUCTILE IRON WITH ANSI FLANGES OR MECHANICAL JOINT ENDS. ALL EXISTING VALVES SHALL BE OPERATED BY DISTRICT PERSONNEL. VALVE BOXES SHALL BE INSTALLED ON ALL BURIED VALVES. THE BOX SHALL BE OF CAST IRON, TWO-PIECE SLIP TYPE, 5-1/4 INCH SHAFT, WITH A BASE CORRESPONDING TO THE SIZE OF THE VALVE. THE COVER SHALL HAVE THE WORD "WATER" CAST IN IT. THE VALVE BOX SHALL BE TYLER PIPE 6855 SERIES OR APPROVED EQUAL. THE COVER SHALL BE A TYLER PIPE STANDARD DROP LID 145325 OR APPROVED EQUAL.
9. GATE VALVES, 6 INCH TO 12 INCH. THE DESIGN, MATERIALS AND WORKMANSHIP OF ALL GATE VALVES SHALL CONFORM TO, OR EXCEED THE REQUIREMENTS OF AWWA C509-80 LATEST REVISION. GATES VALVES SHALL BE RESILIENT SEAT NON-RISING STEM (NRS) WITH TWO INTERNAL O-RING STEM SEALS. GATE VALVES SHALL BE MUELLER A-2360. GATE VALVES SHALL BE USED ON ALL 6 TO 12 INCH LINES.
10. VALVE BOX. ALL VALVES SHALL HAVE A STANDARD CAST IRON WATER VALVE BOX SET TO GRADE. IF VALVES ARE NOT SET IN PAVED AREA, A 3 FOOT BY 3 FOOT BY 4 INCH CONCRETE PAD SHALL BE SET AROUND EACH VALVE BOX AT FINISHED GRADE. IN AREAS WHERE VALVE BOX FALLS IN ROAD SHOULDER, THE DITCH AND SHOULDER SHALL BE GRADED BEFORE PLACING ASPHALT OR CONCRETE PAD.
11. VALVE MARKER POST. VALVE MARKER POSTS SHALL BE 4 INCH X 4 INCH REINFORCED CONCRETE OR SCHEDULE 40 STEEL POSTS 5 FEET LONG, WITH 2 FOOT MINIMUM BURY, STAMPED WITH "W" AND DISTANCE TO VALVE. POST SHALL BE PAINTED WITH 1 BASE COAT AND 2 COATS BLUE OIL BASE ENAMEL.
12. ALL FORM RELEASE AGENTS AND ADMIXTURES USED IN THE CONCRETE WORK MUST CONFORM TO NSF 60 REQUIREMENTS.

EROSION AND SEDIMENTATION CONTROL (ESC) NOTES:

1. THE CONTRACTOR SHALL MEET SNOHOMISH COUNTY STANDARDS AND REQUIREMENTS BY USING APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) FOR EROSION AND SEDIMENTATION CONTROL.
2. EROSION ON- AND OFF-SITE. DURING AND AFTER CONSTRUCTION, THE CONTRACTOR SHALL MINIMIZE EROSION AND SEDIMENTATION ON-SITE AND SHALL PROTECT PROPERTIES AND WATER COURSES DOWNSTREAM FROM THE SITE FROM EROSION DUE TO INCREASES IN THE VELOCITY AND PEAK FLOW RATE OF STORM WATER RUNOFF FROM THE SITE.
3. TRANSPORT OF SEDIMENT. THE CONTRACTOR SHALL PREVENT THE TRANSPORT OF SEDIMENT FROM THE SITE THROUGH MEASURES SUCH AS MULCHING, MATTING, COVERING, SILT FENCES, SEDIMENT TRAPS, SETTLING PONDS AND PROTECTIVE BERMS USING THE FOLLOWING BMPs: FILTER FENCE, STRAW BALE BARRIER, BRUSH BARRIER, GRAVEL FILTER BERM, SEDIMENT TRAP, TEMPORARY SEDIMENT POND, PRESERVING NATURAL VEGETATION, AND/OR BUFFER ZONES. TRANSPORT OF SEDIMENT ONTO PAVED SURFACES SHALL BE MINIMIZED, AND IF SEDIMENT IS TRANSPORTED ONTO A PAVED SURFACE, THE PAVED SURFACE SHALL BE CLEANED AT THE END OF EACH DAY IN ACCORDANCE WITH BMPs IN THE DRAINAGE MANUAL, OR APPROVED BY THE DIRECTOR.
4. STABILIZING EXPOSED SOIL. THE CONTRACTOR SHALL PREVENT ON-SITE EROSION BY STABILIZING ALL SOILS THAT ARE TEMPORARILY EXPOSED AND NOT BEING ACTIVELY WORKED. THROUGH SUCH METHODS AS THE INSTALLATION OF SEEDING, MULCHING, MATTING AND COVERING. CONTRACTOR SHALL APPLY ONE OR MORE OF THE FOLLOWING TEMPORARY ESC BMPs: TEMP SEEDING, MULCHING AND MATTING, CLEAR PLASTIC COVERING, AND/OR DUST CONTROL.
5. DENUDED AREAS SHALL BE STABILIZED AND SOIL STOCKPILES AS ESTABLISHED IN THE DRAINAGE MANUAL.
6. STORM DRAIN INLETS SHALL BE PROTECTED USING BMP STORM DRAIN INLET PROTECTION. THE RECOMMENDED INLET PROTECTION ALTERNATIVES ARE TRIANGULAR SILT DIKES; BIOLOGS; EXERTS (FOSS ENVIRONMENTAL); DANDY BAGS; AND, STRAW WATTLES.
7. NO MORE THAN THREE HUNDRED (300) FEET OF TRENCH MAY REMAIN OPEN AT ONE TIME. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES, UNLESS INCONSISTENT WITH SAFETY OR SITE CONSTRAINTS.
8. DISCHARGE FROM DEWATERING DEVICES. WATER FROM A DEWATERING DEVICE SHALL DISCHARGE INTO A SEDIMENT-RETENTION BMP.
9. MAINTENANCE AND REPAIR OF EROSION AND SEDIMENTATION CONTROL MEASURES. THE CONTRACTOR SHALL MAINTAIN AND REPAIR AS NECESSARY ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENTATION CONTROL BMPs TO ASSURE THEIR CONTINUED PERFORMANCE.
10. TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION.

UNANTICIPATED DISCOVERY PLAN:

1. IF EARTH DISTURBING ACTIVITIES DURING PROJECT CONSTRUCTION UNCOVER CULTURAL MATERIALS (I.E. STRUCTURAL REMAINS, HISTORIC ARTIFACTS, OR PREHISTORIC ARTIFACTS), ALL WORK SHALL CEASE AND THE WASHINGTON STATE ARCHAEOLOGIST AT THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION (DAHP), THE HISTORY/ARCHAEOLOGY OFFICE OF THE SWINOMISH AND TULALIP TRIBES, THE CULTURAL RESOURCES PROGRAM OF THE STILLAGUAMISH AND TULALIP TRIBES, AND THE RURAL DEVELOPMENT STATE ENVIRONMENTAL COORDINATOR (RD SEC) SHALL BE NOTIFIED IMMEDIATELY.
2. IF HUMAN REMAINS ARE UNCOVERED, ALL WORK SHALL CEASE IMMEDIATELY IN ACCORDANCE WITH THE NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT OF 1990 (NAGPRA) AND WASHINGTON STATE STATUTES RCW 27.44. THE AREA AROUND THE DISCOVERY SHALL BE SECURED AND THE ISLAND COUNTY CORONER AND THE STATE ARCHAEOLOGIST AT DAHP SHALL BE NOTIFIED IMMEDIATELY. THE STATE ARCHAEOLOGIST SHALL NOTIFY RD SEC AND SWINOMISH AND TULALIP TRIBES.
3. CONSTRUCTION SHALL BE HALTED OR SHIFTED TO A NEW LOCATION PENDING THE NOTIFICATION PROCESS AND FURTHER INSTRUCTIONS ISSUED BY THE AGENCY AFTER CONSULTATION WITH THE STATE HISTORIC PRESERVATION OFFICE, STILLAGUAMISH AND TULALIP TRIBES, AND OTHER APPROPRIATE AUTHORITIES.

GENERAL NOTES:

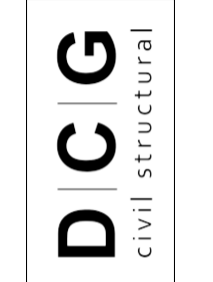
1. THE CONTRACTOR SHALL NOTIFY JURISDICTION A MINIMUM OF 24 HOURS PRIOR TO STARTING ANY WORK.
2. THE CONTRACTOR SHALL NOTIFY THE UNDERGROUND UTILITY LOCATE CENTER AT 1-800-424-5555 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL PROTECT IN PLACE, ALL UTILITIES, STRUCTURES AND FEATURES, WHETHER OR NOT SHOWN ON THESE PLANS. ANY DAMAGE TO EXISTING UTILITIES OR FEATURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
4. LOCATIONS OF EXISTING FEATURES AND UTILITIES AS SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND BASED ON THE BEST AVAILABLE INFORMATION. ACTUAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS, METHODS AND SEQUENCE OF CONSTRUCTION.
6. ALL WORK SHALL CONFORM TO CURRENT APPROVED STANDARD PLANS AND WSDOT/APIWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
7. THE CONTRACTOR SHALL BE REQUIRED TO KEEP ACCURATE AS-BUILT DRAWINGS AND DELIVER THIS INFORMATION TO THE OWNER FOR PREPARATION OF AS-BUILT DRAWINGS.
8. WATER MAINS SHALL BE PROPERLY DISINFECTED, FLUSHED, AND HAVE A SATISFACTORY BACTERIOLOGICAL TEST RESULTS FROM A WATER SAMPLE COLLECTED FROM THE PIPE BEFORE ENTERING SERVICE.
9. UTILITY SERVICE INTERRUPTIONS SHALL NOT EXCEED TWO HOURS.
10. 24 HOUR NOTICE SHALL BE PROVIDED TO ALL PROPERTY OWNERS/OCCUPANTS OF ANY UTILITY SERVICE OR ACCESS INTERRUPTIONS.
11. ONE LANE TRAFFIC MUST BE MAINTAINED AT ALL TIMES ON COUNTY ROADS. ROAD CLOSURES WILL NOT BE ALLOWED UNLESS EXPRESSLY AUTHORIZED AND APPROVED BY ISLAND COUNTY.
12. PROPER SIGNAGE AND FLAGGERS ARE REQUIRED PER THE MUTCD. FLAGGERS SHALL HAVE CURRENT CARDS INDICATING THAT THEY ARE QUALIFIED TO PERFORM THE REQUIRED TRAFFIC CONTROL.
13. ACCESS TO PRIVATE PROPERTY SHALL BE RESTORED DAILY.
14. STREETS SHALL BE SWEEPED DAILY OR AS NEEDED.

ENVIRONMENTAL NOTES:

1. EQUIPMENT MUST MEET CURRENT STATE OF WASHINGTON REGULATIONS FOR NOISE. NOISE PRODUCING EQUIPMENT WILL BE LOCATED IN ENCLOSURES WITH ACOUSTIC PANELS DESIGNED TO REDUCE NOISE.
2. CONSTRUCTION ACTIVITIES WILL BE SCHEDULED TO REDUCE TRAFFIC, DUST AND NOISE IMPACTS IN RESIDENTIAL AREAS.
3. THE APPLICANT SHALL OBTAIN ANY NECESSARY PERMITS FROM LOCAL AND OTHER GOVERNMENTAL AGENCIES.
4. WORK IN PUBLIC RIGHT-OF-WAYS SHALL HAVE ALL NECESSARY PERMITS.
5. WORK ON THIS PROJECT SHALL BE NO EARLIER THAN TWO HOURS AFTER SUNRISE AND NO LATER THAN TWO HOURS BEFORE SUNSET TO ACCOMMODATE LOCAL NESTING BALD EAGLES.

| NO. | DATE | BY | REVISION |
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OWNER: CAMERON BROWN
 1126 278TH ST NE
 ARLINGTON, WA 98223

PROJECT: TATOOSH WATER COMPANY
 VIEWMONT ESTATES - DEVELOPER EXTENSION

NOTES

| | |
|----------------|-----------|
| PROJ. MANAGER: | JT |
| DESIGNED BY: | SG |
| DRAWN BY: | RB |
| CHECKED BY: | JT |
| SCALE: | AS SHOWN |
| DATE: | 8/23/2018 |
| REV: | A |
| SHEET: | 7 |

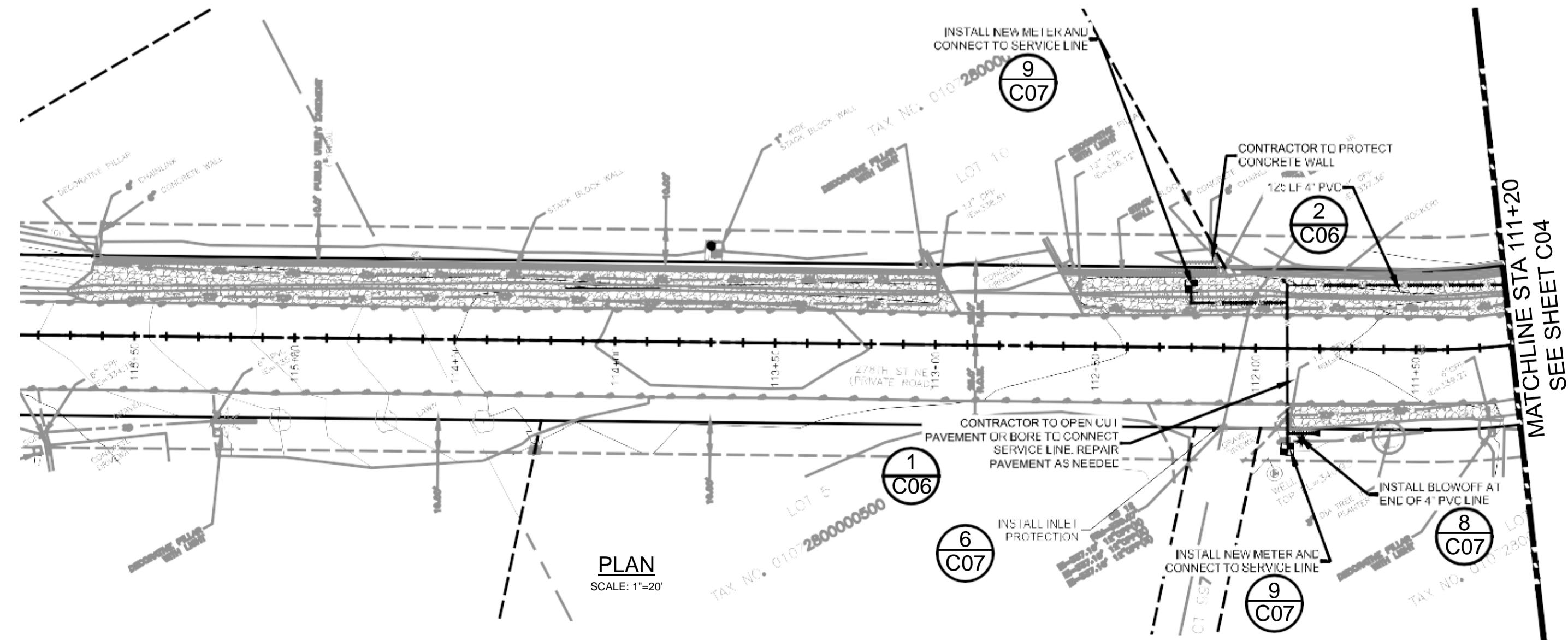
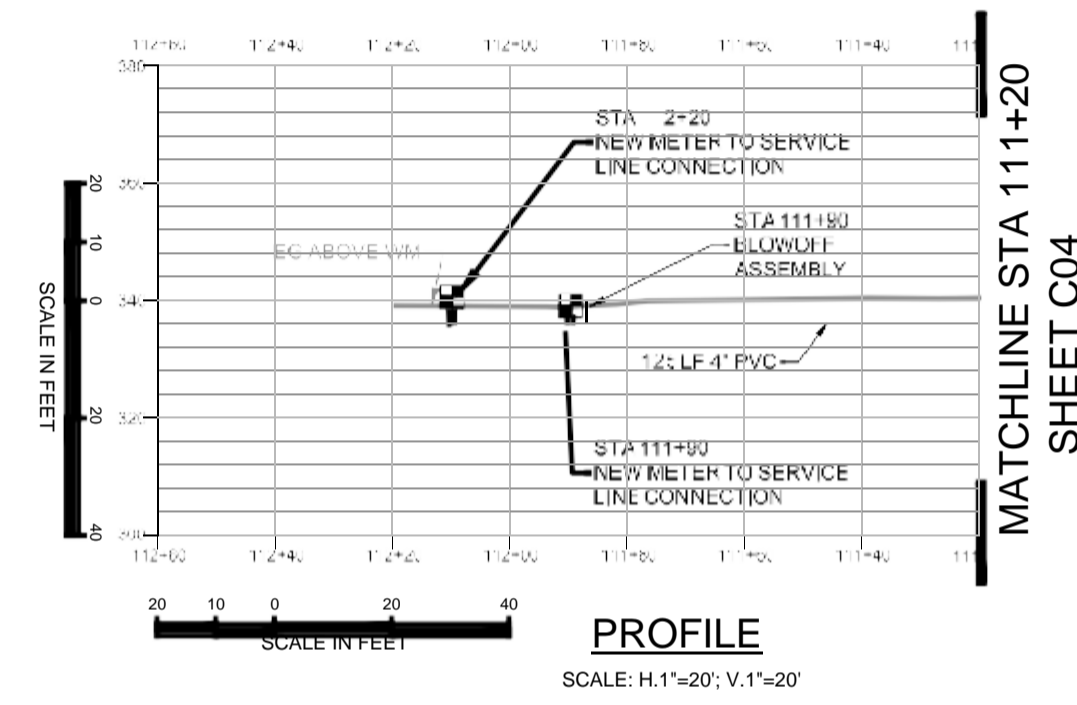
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LEGEND:

- PROPOSED WETLAND
- PROPOSED WATER LINE
- EXISTING PUBLIC UTILITY EASEMENT
- EXISTING RIGHT OF WAY



| No. | DATE | BY | REVISION |
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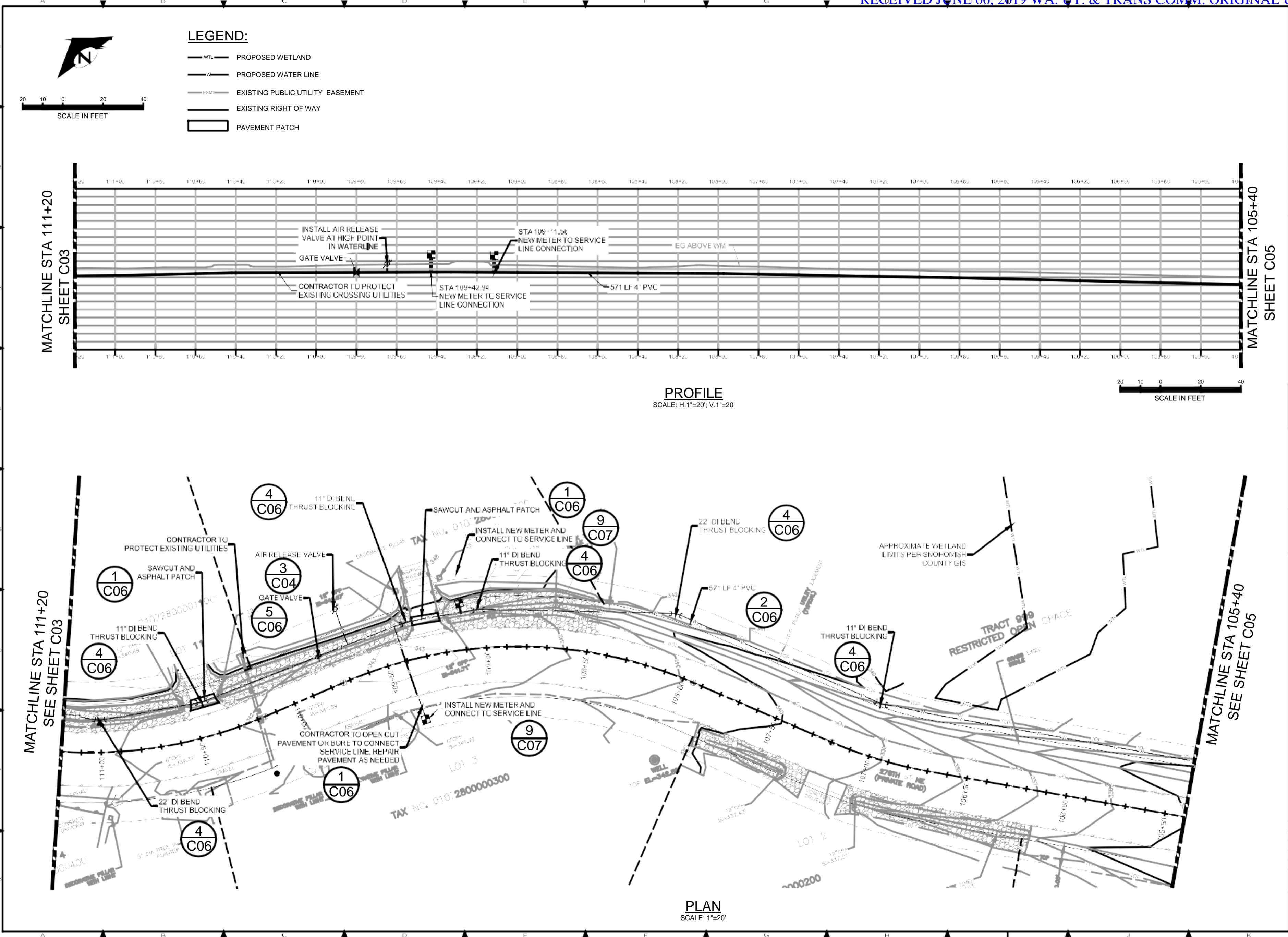
OWNER: CAMERON BROWN
1126 278TH ST NE
ARLINGTON, WA 98223

PROJECT: TATOOOSH WATER COMPANY
VIEWMONT ESTATES - DEVELOPER EXTENSION
PLAN & PROFILE - 278TH ST NE

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|----------------|-----------|
| PROJ. MANAGER: | JT |
| DESIGNED BY: | SG |
| DRAWN BY: | RB |
| CHECKED BY: | JT |
| SCALE: | AS SHOWN |
| DATE: | 8/23/2018 |
| SHEET NO.: | A |
| OF: | 7 |

C03

CAD FILE NUMBER: P:\CLIENTS\WATER\TATOOOSH\DEVELOPER\DRAWING\TATOOOSH_VIEWMONT\ESTATES\DWG\LAST_MODIFIED_BY_NCK_SAVE_DATE_8/23/2018 4:10 PM_SHEET SET:TATOOOSH_WATER_EXTENSION_VIEWMONT\ESTATES_ORIGINAL_SHEET_SIZE_ARCH\FULL_BLEED_D\2400 X 3600 INCHES\AUTOCAD_VERSION_CIVIL_3D_2015



LEGEND:

- PROPOSED WETLAND
- PROPOSED WATER LINE
- EXISTING PUBLIC UTILITY EASEMENT
- EXISTING RIGHT OF WAY
- PAVEMENT PATCH



PROFILE
SCALE: H.1"=20'; V.1"=20'



PLAN
SCALE: 1"=20'

| NO. | DATE | BY | REVISION |
|-----|------|----|----------|
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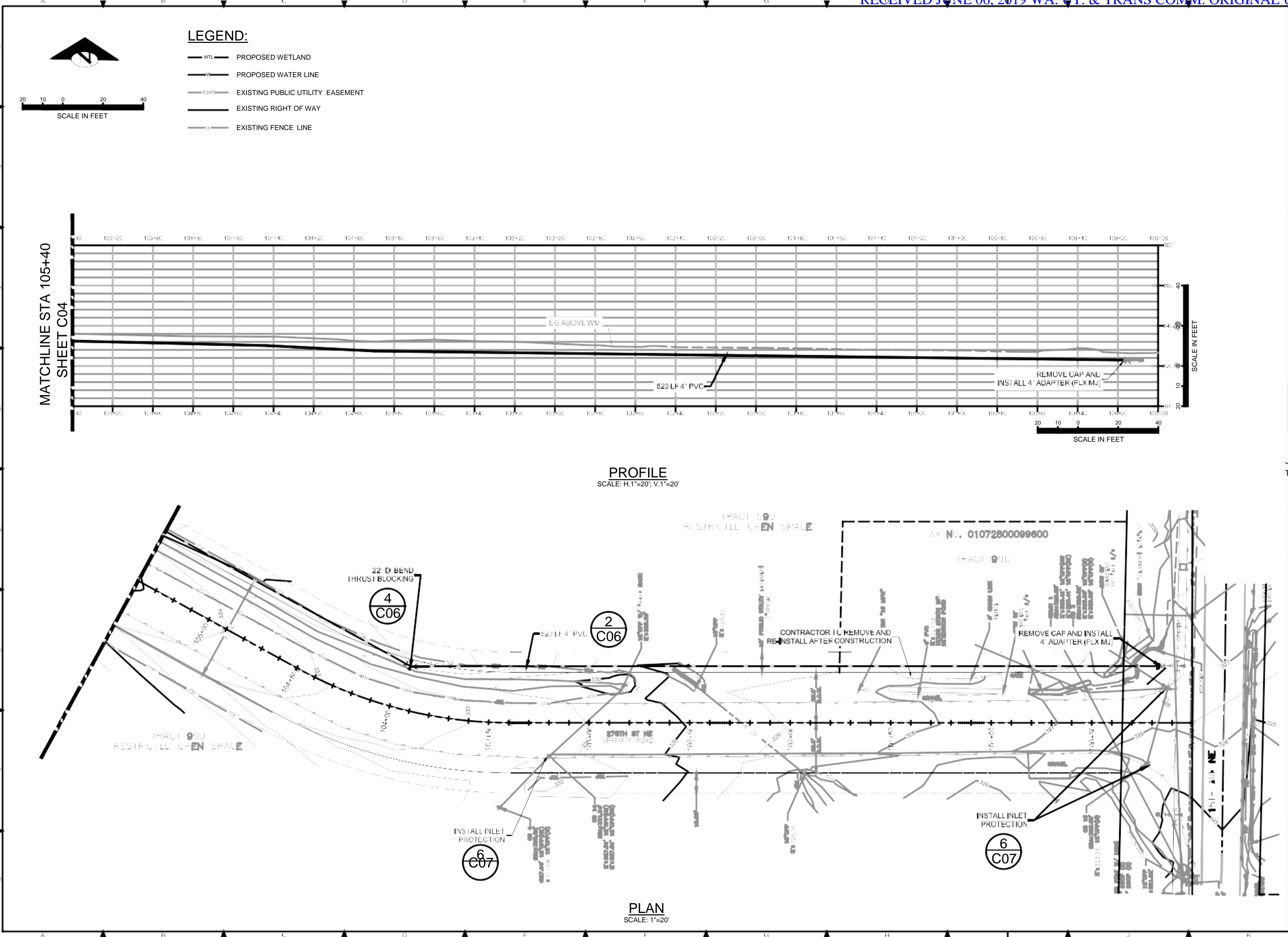
OWNER:
CAMERON BROWN
1126 278TH ST NE
ARLINGTON, WA 98223

PROJECT:
TATOOOSH WATER COMPANY
VIEWMONT STATES + DEVELOPER EXTENSION
PLAN & PROFILE - 278TH ST NE

| | |
|----------------|-----------|
| PROJ. MANAGER: | JT |
| DESIGNED BY: | SG |
| DRAWN BY: | RB |
| CHECKED BY: | JT |
| SCALE: | AS SHOWN |
| DATE: | 8/23/2018 |
| SHEET NO.: | 4 OF 7 |

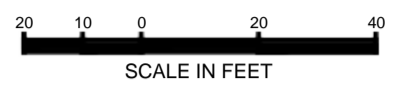
C04

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LEGEND:

- WTL — PROPOSED WETLAND
- W — PROPOSED WATER LINE
- ESMT — EXISTING PUBLIC UTILITY EASEMENT
- — EXISTING RIGHT OF WAY
- X — EXISTING FENCE LINE



PROFILE
SCALE: H.1"=20'; V.1"=20'

PLAN
SCALE: 1"=20'

| No. | DATE | BY | REVISION |
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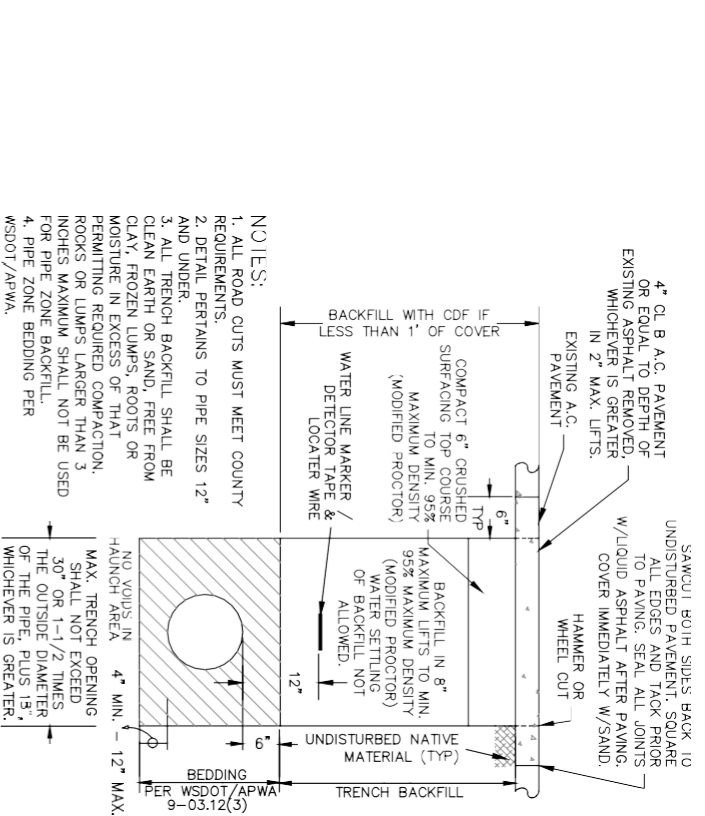
OWNER:
CAMERON BROWN
1126 278TH ST NE
ARLINGTON, WA 98223

PROJECT:
TATOOOSH WATER COMPANY
VIEWMONT ESTATES - DEVELOPER EXTENSION

PLAN & PROFILE - 278TH ST NE

| | |
|----------------|-----------|
| PROJ. MANAGER: | JT |
| DESIGNED BY: | SG |
| DRAWN BY: | RB |
| CHECKED BY: | JT |
| SCALE: | AS SHOWN |
| DATE: | 8/23/2018 |
| REV | A |
| SHEET | 5 |
| OF | 7 |

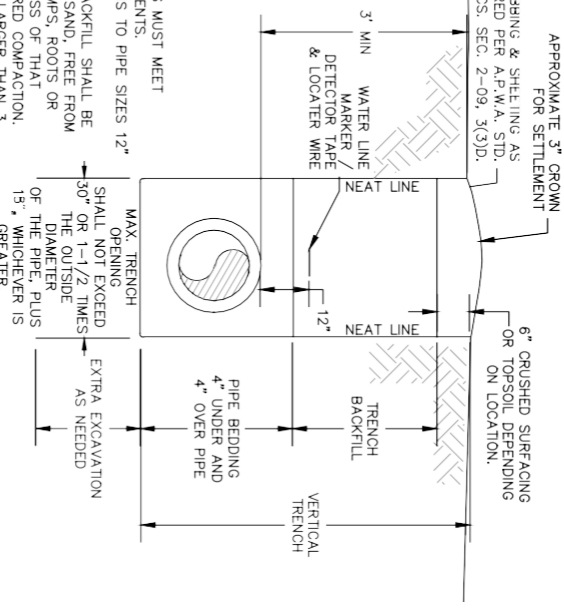
SHEET NUMBER
C05



NOTES:
 1. ALL ROAD CUTS MUST MEET COUNTY REQUIREMENTS.
 2. DETAIL PERTAINS TO PIPE SIZES 12" AND UNDER.
 3. ALL TRENCH BACKFILL SHALL BE CLEAN EARTH OR SAND, FREE FROM MATERIALS THAT MAY CAUSE CORROSION OR PERMITTING REQUIRED COMPACTION. ROCKS OR LUMPS LARGER THAN 3 INCHES MAXIMUM SHALL NOT BE USED.
 4. PIPE ZONE BEDDING PER MSDOT/APWA.
 5. USE OF NATIVE MATERIAL FOR BACKFILL MAY BE APPROVED BY THE ENGINEER.
 6. LOCATOR WIRES SHALL BE BLUE COATED 14 GAGE COPPER WIRE CONTINUOUS TO ABOVE GROUND ACCESS POINTS METERS & TIRANTS) SPACES WITH WATERPROOF SPLICING KITS.

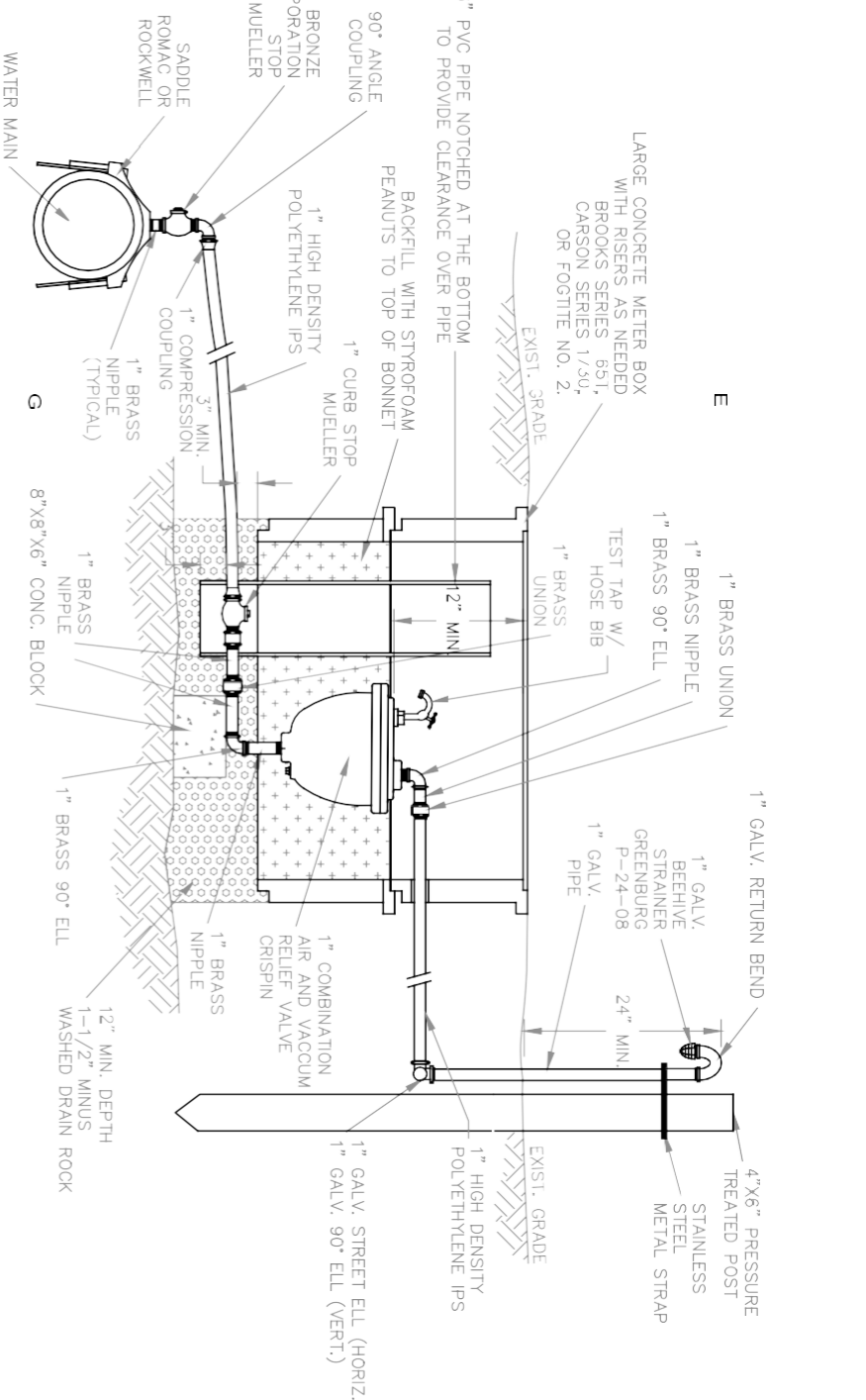
TYPICAL TRENCH PAYMENT C03 - C04

- NOTES:
 1. ALL ROAD CUTS MUST MEET COUNTY REQUIREMENTS.
 2. DETAIL PERTAINS TO PIPE SIZES 12" AND UNDER.
 3. ALL TRENCH BACKFILL SHALL BE CLEAN EARTH OR SAND, FREE FROM MATERIALS THAT MAY CAUSE CORROSION OR PERMITTING REQUIRED COMPACTION. ROCKS OR LUMPS LARGER THAN 3 INCHES MAXIMUM SHALL NOT BE USED.
 4. PIPE ZONE BEDDING PER MSDOT/APWA.
 5. USE OF NATIVE MATERIAL FOR BACKFILL MAY BE APPROVED BY THE ENGINEER.
 6. LOCATOR WIRES SHALL BE BLUE COATED 14 GAGE COPPER WIRE CONTINUOUS TO ABOVE GROUND ACCESS POINTS IN WELLS IF NEEDED. SHALL BE MADE WITH WATERPROOF SPLICING KITS.

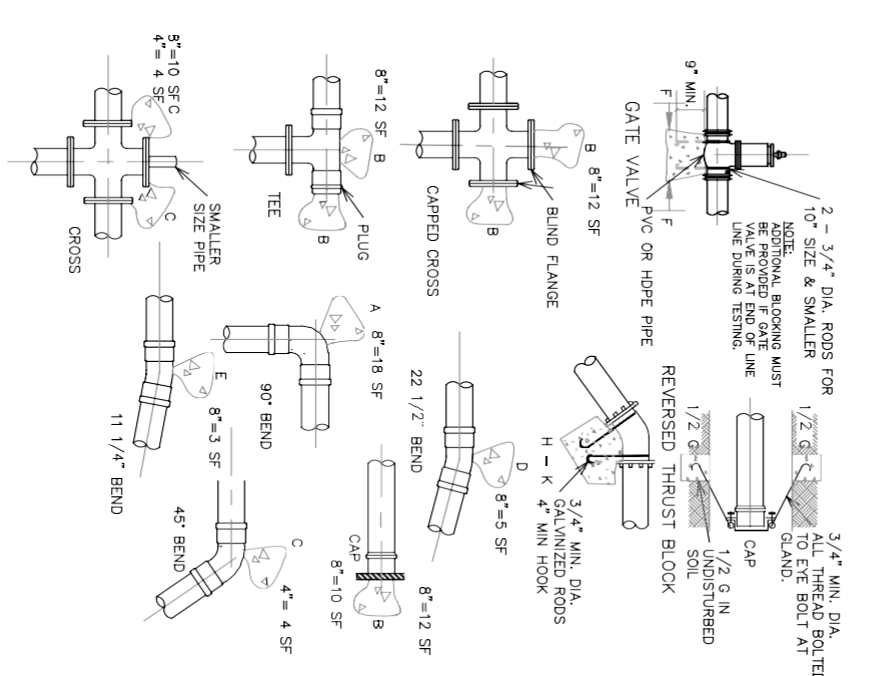


TYPICAL TRENCH NON - PAYMENT C03 - C05

- NOTES:
 A. AIR-N-VAC UNIT AND BOX SHALL BE INSTALLED IN A NON-TRAFFIC AREA.
 B. SADDLE FOR AIR-N-VAC UNIT SHALL BE INSTALLED AT LOCATION WHERE ASSEMBLY CANNOT BE INSTALLED. INSTALL WATER MAIN TO CREATE A HIGH POINT WHERE AIR-N-VAC CAN BE LOCATED.
 C. ALL PIPE AND FITTINGS SHALL BE MINIMUM PRESSURE CLASS 200 PSI. IPS SIZE ALL FITTINGS BETWEEN MAIN AND AIR-N-VAC SHALL BE BRASS AND ALL FITTINGS ON THE AIR-N-VAC DISCHARGE SHALL BE GALVANIZED.
 D. CONCRETE METER BOX PENETRATIONS SHALL BE GROUDED.
 E. AIR-N-VAC RISER SHALL BE PAINTED AS DIRECTED BY THE WATER COMPANY.



AIR & VACUUM RELEASE VALVE ASSEMBLY C04

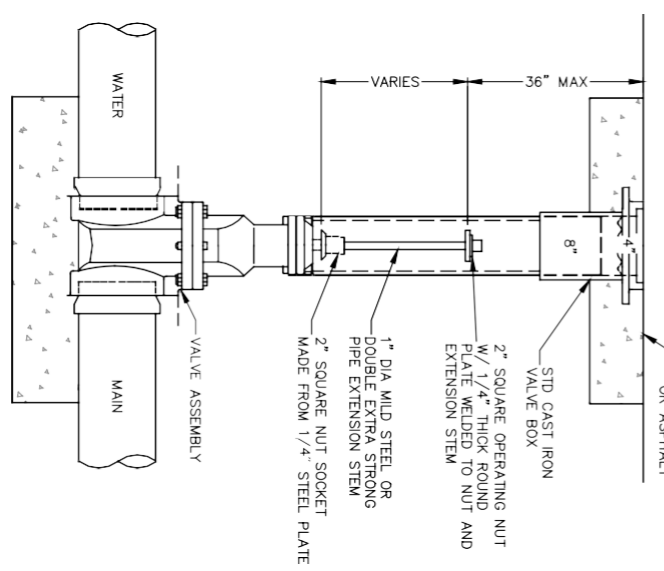


NOTE: SEE THRUST BLOCK TABLE, DETAIL PROVIDE POLYETHYLENE SHEETING TO AND JOINTS FOR DISMANTLING. PSI CONCRETE THRUST BLOCK - TABLE

| PIPE SIZE | MIN. BEARING AREA AGAINST UNDISTURBED SOIL | REV. | VERTICAL THRUST BLOCKING |
|-----------|--|------|--------------------------|
| 1\"/> | | | |

- NOTES:
 1. BEARING AREA OF SOIL THROUGH FLOOR SHALL BE 250 PSI PRESSURE
 2. AREAS MUST BE ADJUSTED FOR OTHER PIPE SIZES, PRESSURES AND SOIL CONDITIONS SHALL BE CAST IN PLACE AND HAVE A MINIMUM OF 6\"/>

WATER MAIN THRUST BLOCKING C03 - C05



WATER VALVE EXTENSION C04

| No. | DATE | BY | REVISION |
|-----|------|----|----------|
| | | | |

LEED ACCREDITED PROFESSIONAL & THE RELATED ACRONYM, & THE LEGACY LEED AP LOGO ARE TRADEMARKS OWNED BY THE U.S. GREEN BUILDING COUNCIL & ARE AWARDED TO INDIVIDUALS UNDER LICENSE BY THE GREEN BUILDING CERTIFICATION INSTITUTE.

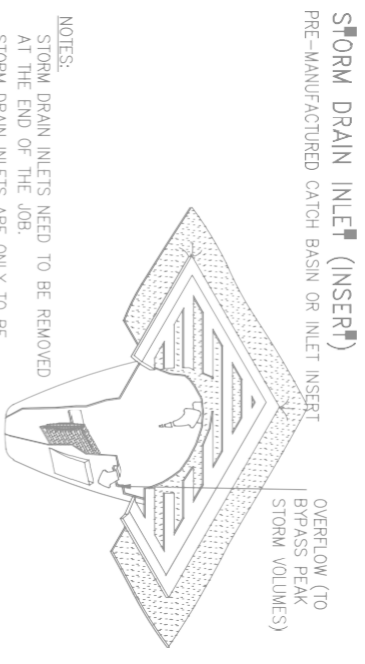


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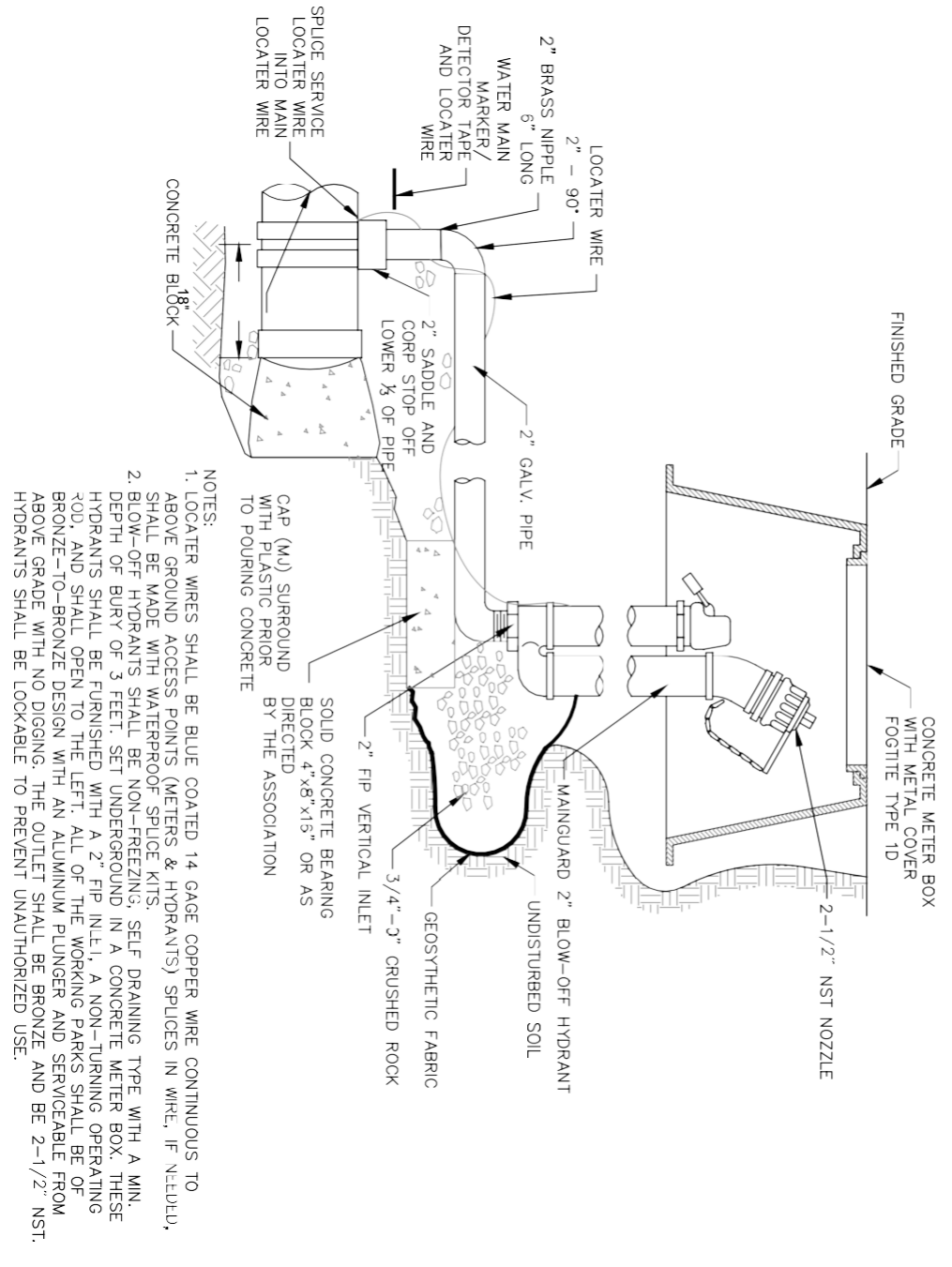
OWNER: CAMERON BROWN
 1126 278TH STNE
 ARLINGTON, WA 98223
 PROJECT: TATOO WATER COMPANY
 VIEWMONT ESTATES - DEVELOPER EXTENSION
 DETAILS

PROJ. MANAGER: JT
 DESIGNED BY: BS
 DRAWN BY: JT
 CHECKED BY: JT
 SCALE: AS SHOWN
 DATE: 8/29/2018
 SHEET NUMBER: C06



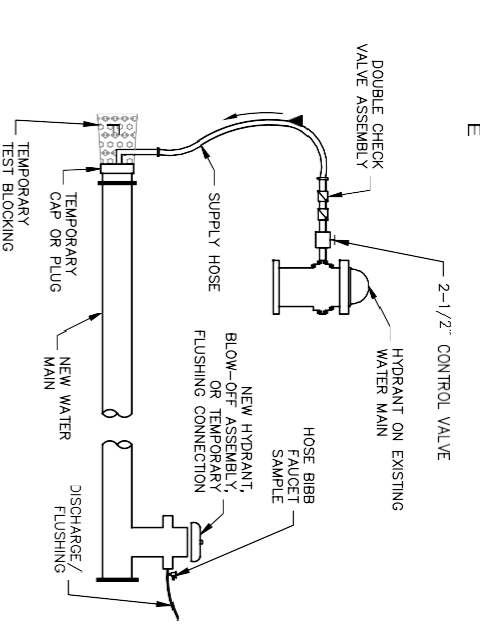
NOTES:
STORM DRAIN INLETS NEED TO BE REMOVED AT THE END OF THE JOB.
STORM DRAIN INLETS ARE ONLY TO BE INSTALLED IN DRAINAGE DEVICES PER THE MANUFACTURER'S RECOMMENDATIONS. CATCH BASIN INSERTS ARE NOT TO BE INSTALLED IN CURB INLETS.
INSERTS SHALL BE INSPECTED AND MAINTAINED WHEN A 1/2" INCH RAIN ACCUMULATES WITHIN A

STORM INLET PROTECTION
NTS
C03 - C05
6



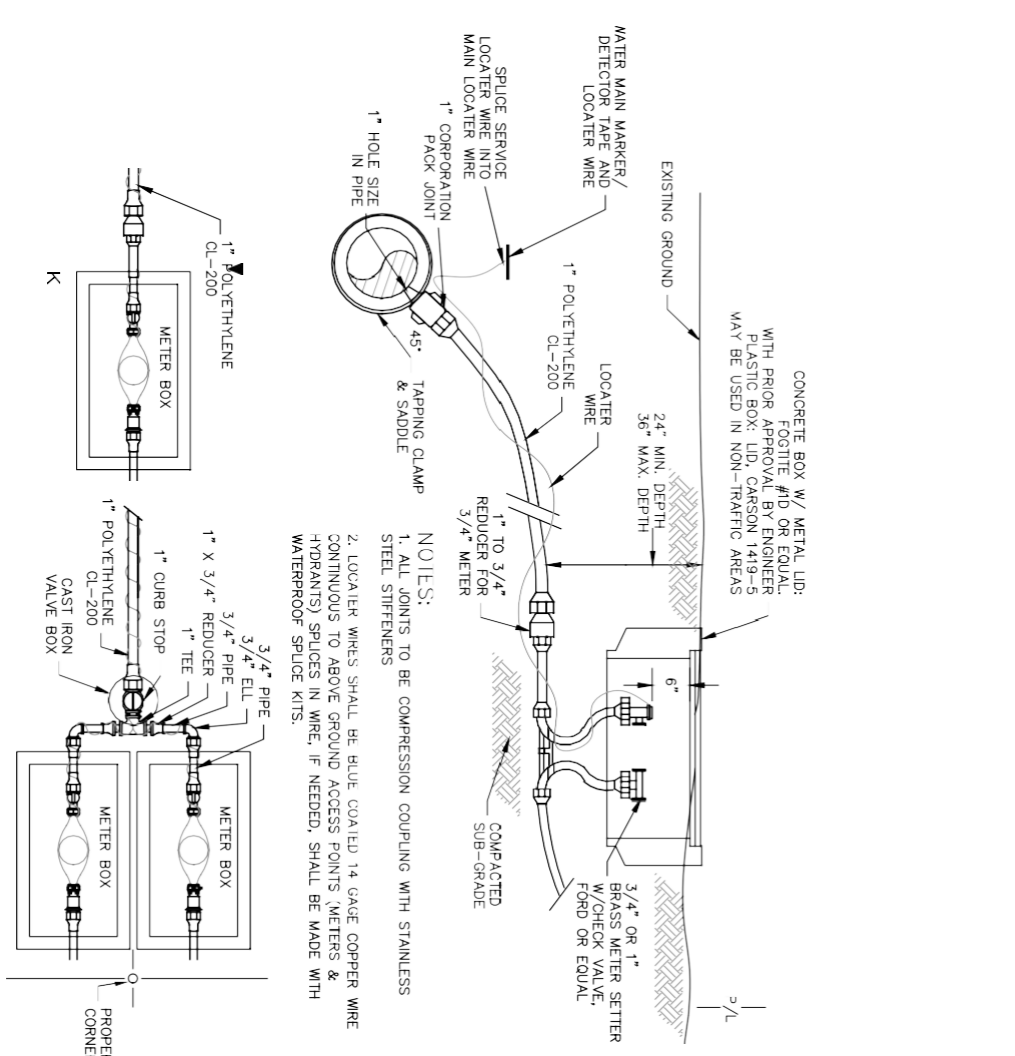
BLOW OFF ASSEMBLY
NTS
C03

2



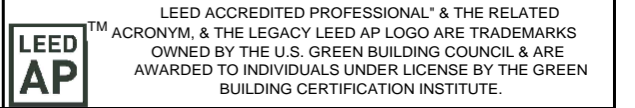
NOTES:
1. THE FILING OF MAINS SHALL BE DONE ONLY UNDER THE SUPERVISION OF THE WATER COMPANY.
2. AN APPROVED BLOWOFF PREVENTION ASSEMBLY SHALL BE INSTALLED BETWEEN THE EXISTING AND NEW WATER LINES DURING DISSECTION AND FLUSHING OF NEW WATERMAIN.
3. THE BLOWOFF PREVENTION ASSEMBLY AND SUPPLY HOSE MUST BE DISCONNECTED DURING HYDROSTATIC PRESSURE TESTING OF THE NEW MAIN.
4. THE NEW WATERMAIN SHALL BE CONNECTED TO THE EXISTING SYSTEM ONLY AFTER RESULTS ARE OBTAINED.
5. THE INTERIOR OF ALL PIPES AND FITTINGS TO BE USED IN FINAL CONNECTION MUST BE SWABBED OR SRAVED WITH A 5% AVAILABLE CHLORINE SOLUTION.

MAIN FILLING
NTS
C03 - C04
7



WATER METER
NTS
C03 - C04
9

| No. | DATE | BY | REVISION |
|-----|------|----|----------|
| | | | |
| | | | |



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BASE MATERIALS/COMPONENTS PROVIDED BY OTHERS. DCG CANNOT BE HELD RESPONSIBLE FOR ACCURACY, COMPLETION, UTILITIES, & ALL OTHER EXTENTURES & CONDITIONS IF CONDITIONS ARE NOT AS SHOWN. ALL CONDITIONS SHALL BE CONSTRUCTED AS SHOWN. CONSULT DRAWING SHEETS.

| | |
|--|---|
| OWNER: CAMERON BROWN 1126 278TH STNE ARLINGTON, WA 98223 | PROJECT: TATOOSH WATER COMPANY VIEWMONT ESTATES - DEVELOPER EXTENSION |
| PROJ. MANAGER: JT | DESIGNED BY: SG |
| DRAWN BY: RB | CHECKED BY: JT |
| SCALE: AS SHOWN | DATE: 8/23/2018 |
| REV. SHEET A 7 | SHEET NUMBER 7 |