


SEC. 20, T18N, R1W, W.M.


CON STRUCTION SEQUEN CE:





D. CALL FOR INSPEGTON BY THE ENGINER
E. BEGIN Construction Actuvties as specifed in the contract documents.
montor all erosion control faclitits, repalr, modify, and entance as requred or as directed.
(360) 491-5600





GOLF CLUB ROAD WATER \& WASTEWATER IMPROVEMENTS TREE REMOVAL AND TESC PLAN

|  | Revvsion Brock |  | $\begin{gathered} \text { PRAE HO. } \\ \text { G3 } \end{gathered}$ | $\begin{aligned} & \text { SHEET No. } \\ & \hline \end{aligned}$ |
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Site ingections shall be conducted by a person who is knowledgeable in the principies and
practices of erosion and sediment control. For project sites that that require
a onstruction


The implementation of the Construction SWPPP and the constracion ther,
 tataished.
 Shall be permiteded The flags
duration of onstruction
The Construction SwPpp facilites shown on this plan must be constructed in conjunction wit
all construction activities, and in such a manner ast o onsurue that seciment and

The Construction swppp failites shoun on this plan are the minimum reauirements for




 Storm drain inlets operable durin


 all paved areas are kept tlean for the duration of the project.
 Om October 1 through April 30 , no soils shall remain exposed and wuworked




 veaters wirl
seson work.
 Use sill prevention measures

## NERAL EROSION CONTROL NOTES:












UUREED AREAS SHALL TAKE PLCCE AS WEATHER PRERMT




7. NO MORE THAN 30 OLF OF TRENCH SHALLL EE OPENED AT ONE TMME.

PROPERTES





## STABLIZED CONSTRUCTION ENTRANCE NOTES:

 - ADDitionl. rock Shall be Adoded periooicall To Mantann proper runction or




STABILIZED CONSTRUCTION ENTRANCE


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Shers No. TESC NOTES \& DETAILS






Notes:
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AT AN ASSSMED DEPTH OF 2 FT.






GOLF CLUB ROAD WATER \& WASTEWATER IMPROVEMENTS WATER STA. $100+00-106+00$

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| GENERAL NOTES: 1. METER BOXES SHALL NOT BE INSTALLED IN CONCRETE OR CONCRETE DRIVEWAYS. <br> WHEN NECESSARY CREATE PLANTER FOR METER BOX INSTALLATION. 2. STAINLESS STEEL INSERTS ARE REQUIRED FOR ALL PACK JOINT FITTINGS. 3. THE SETTER ANGLE STOP SHALL BE A MINIMUM OF 1" ABOVE BOTTOM OF METER <br> 3. BOX. INSIDE OF BOX SHALL BE CLEAN OF EXCESS SAND OR DEBRIS. 4. FILL THE ENTIRE AREA AROUND AND UNDER THE METER BOX WITH A MINIMUM 1 , OF SAND. <br> 5. ALL BRASS AND COPPER SHALL BE LOW LEAD COMPLIANT. 6. COPPER METER SETTERS: FORD VBH 72-15W, MUELLER B2402-R2EF15, <br> 5/8" SINGLE <br> 7. AY-McDONALD 20-215WCDD33. 11 VALVE CURB STOP: FORD B1-666-NL, MUELLER B20283N, AY-McDONALD METER SERVICE <br> 76101-1-1/2". 8. BALL VALVE CORPORATION STOP: FORD FB-1101-6G-NL, MUELLER E25029N, AY-MCDONALD $74704 \mathrm{~B}-33-1-1 / 2^{\prime \prime}$. | GENERAL NOTES. <br> 1. METER BOXES SHALL NOT BE INSTALLED IN CONCRETE OR CONCRETE DRIVEWAYS. <br> 2. STAINLESS STEEL INSERTS ARE REQUIRED FOR ALL PACK JOINTS. 3. THE SETTER ANGLE STOP SHALL BE A MINIMUM OF 1" ABOVE BOTTOM OF METER BOX. INSIDE OF BOX SHALI BE CLEAN OF EXCESS SAND OR DEBRIS. <br> BOX. INSIDE OF BOX SHALL BE CLEAN OF EXCESS SAND OR DEBRIS. 4. FILL THE ENTIRE AREA AROUND AND UNDER THE METER BOX WITH A MINIMUM 1 ' <br> 5. ALL BRASS AND COPPER SHALL BE LOW LEAD COMPLIANT. 6. COPPER METER SETTERS: FORD VBH 72-15W, MUELLER B2402-R2EF15, <br> 5/8" DOUBLE <br> AY-McDONALD 20-215WCDD33. BALL VALVE CURB STOP: FORD B11-666-NL, MUELLER B20283N, AY-McDONALD $76101-1-1 / 2 "$ METER SERVICE <br> BALL VALVE CORPORATION STOP: FORD FB-1101-6G-NL, MUELLER E25029N <br> AY-McDONALD 74704B-33-1-1/2". 9. U-BRANCH: FORD U-88-43-NL, MUELLER H15364, AY-McDONALD 708UMM 1 " X $3 / 4$ " X 7.5". | N, R1W, W.M. <br> general notes: <br> 1. A MINIMUM FIVE FOOT RADIUS OF UNOBSTRUCTED HYDRANTS. THE UNOBSTRUCTED AREA SHALL INCLUDE BUT NOT BE LIMITED TO TREES, SCHRUBS AND PLANTS. <br> 2. REMOVE FACTORY CHAINS HOLDING CAPS. <br> 3. WHEN DISTANCE BETWEEN HYDRANT AND VALVE EXCEED 20 FEET, FIELDLOCK GASKETS SHALL BE ALLOWED. <br> FIRE HYDRANT |  | tUBING to NG STATION <br> GENERAL NOTES: <br> . TEE KORALEEN SAMPLING STATION SHALL BE <br> THE PROPERTY LINE AND WHEN POSSIBLE IN A OPEN SPACE. THE VALVE BOX SHALL BE INSTALLED IN THE <br> 2. THE STAND PIPE SHALL REST ON TWO (2) BRICKS TO PROTECT THE WATER LINE FROM BEING CRUSHED. <br> 3. A TRACER WIRE SHALL BE INSTALLED WITH THE WATER LINE. |
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| 1. 11 MIL. PLASTIC OR CONSTRUCTION FABRIC SHALL BE WRAPPED AROUND PIPE AND FITTINGS BEFORE THRUST BLOCK OR CDF <br> 2. BACKFILL ARE POURED. CONTROLLED DENSITY FILL SHALL CONSIST OF 1750\# SAND, 1750\# PEA GRAVEL, $230 \#$ WATER, 141\# CEMENT, 6 OUNCES <br> WATER REDUCING AGENT PER 100\# CEMENT. 3. THE EXISTING MAIN, TAPPING SLEEVE AND VALVE SHALL BE SUPPORTED THROUGHOUT THE ENTIRE PROCESS WHEN TAPPING <br> 4. CONNECT TO EXISTING TRACER WIRE, IF PRESENT <br> 5. CUTTING AC PIPE REQUIRES PROPER AC CUTTING AND DISPOSAL PRACTICES BE FOLLOWED. REFER TO OLYMPIC AIR POLLUTION <br> 6. DOCUMENT. AC PIPE CUTER SHALL AE CERTIFIED OF TEE. | GENERAL NOTES: 1. VALVE ASSEMBLY ShaLl be set at the high point of the <br> 2. ALL AIR/VACUUM RELEASE VALVES SHALL BE INSTALLED <br> BEHIND THE EGDE OF PAVEMENT NEAR THE PROPERTY CORNER. 3. ARR RELEASE VALVES SHALL BE $2^{\prime \prime}$ ARI D-040 W/THERMO <br> 2"AIR \& VACUUM <br> 4. ALL FITTINGS AND PIPING SHALL BE DOMESTIC BRASS RELEASE VALVE <br> 5. CABINET SHALL OPEN AWAY FROM THE ROADWAY. 6. INSTALL THE INSULATED POUCH 6O2-DT OVER THE ARV UNIT TO PROTECT IT FROM FREEZING. |  <br> STANDARD BLOCKING DETAIL |  |  |
| CITY OF LACEY, WASHINGTON DEPARTMENT OF PUBLIC WORKS <br> 420 COLLEGE STREET SE <br> LACEY, WA 98503-1238 <br> (360) 491-5600 |  | OLF CLUB ROAD WATER \& ASTEWATER IMPROVEMENTS WATER DETAILS - 1 | DATI |  |




2" BLOWOFF ASSEMBLY FOR EXTENDABLE MAINS


CUT PIPE CIOSURE PRocezDURE:
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1. REWOVE CEMENT MORTAR COATMG (CMC) AS SHOWN ABOVE TO Expose ENOGH BARE PRE TO



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CONNECTION TO EX. $16^{\prime \prime}$ BAR WRAPPED CONCRETE CYLINDER PIPE (CCP)

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WATER DETAILS -2

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METER VAULT STRUCTURE \& MECHANICAL (STANDARD PLUMBING CONFIGURATION FOR $3^{\text {N.T.S. }}$ METER)

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