

VICINITY MAP

GENERAL SITE DEVELOPMENT NOTES:

THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.

- CONTRACTOR SHALL ASSURE THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THIS SITE. ONLY THOSE UTILITIES WITH EVIDENCE OF THEIR INSTALLATION VISIBLE AT GROUND SURFACE OR SHOWN ON RECORD DRAWING PROVIDED BY OTHERS ARE SHOWN HEREON. EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. SOME UNDERGROUND LOCATIONS SHOWN HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. TEBALDI ENGINEERING, LLC ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS OR RECORDS OF OTHERS. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT TEBALDI ENGINEERING, LLC, TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
- INSPECTION OF SITE WORK WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE AUTHORITY HAVING JURISDICTION. INSPECTION OF PRIVATE FACILITIES WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE INSPECTOR OF THE AUTHORITY HAVING JURISDICTION 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY THE CONTRACTOR SHALL CONTACT THE AGENCY AND/OR UTILITY INSPECTION PERSONNEL AND ARRANGE ANY REQUIRED PRE-CONSTRUCTION MEETING(S). CONTRACTOR SHALL PROVIDE 72 HRS MIN. ADVANCE NOTIFICATION TO OWNER, FIELD ENGINEER AND ENGINEER OF PRE-CONSTRUCTION MEETINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR WORKER AND SITE SAFETY AND SHALL COMPLY WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED.
-). PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ALL ADJACENT PUBLIC AND PRIVATE PROPERTIES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITY SERVICES THAT ARE TO REMAIN OPERATIONAL WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
- STRUCTURAL BMPs MUST BE ACCESSIBLE FOR INSPECTION BY THE AUTHORITY HAVING JURISDICTION DURING REGULAR BUSINESS HOURS.
- . TWO (2) COPIES OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. ONE (1) SET WITH RECORDS OF AS-BUILT INFORMATION SHALL BE SUBMITTED TO TEBALDI ENGINEERING, LLC AT COMPLETION OF PROJECT.

SOIL AMEDMENT NOTE

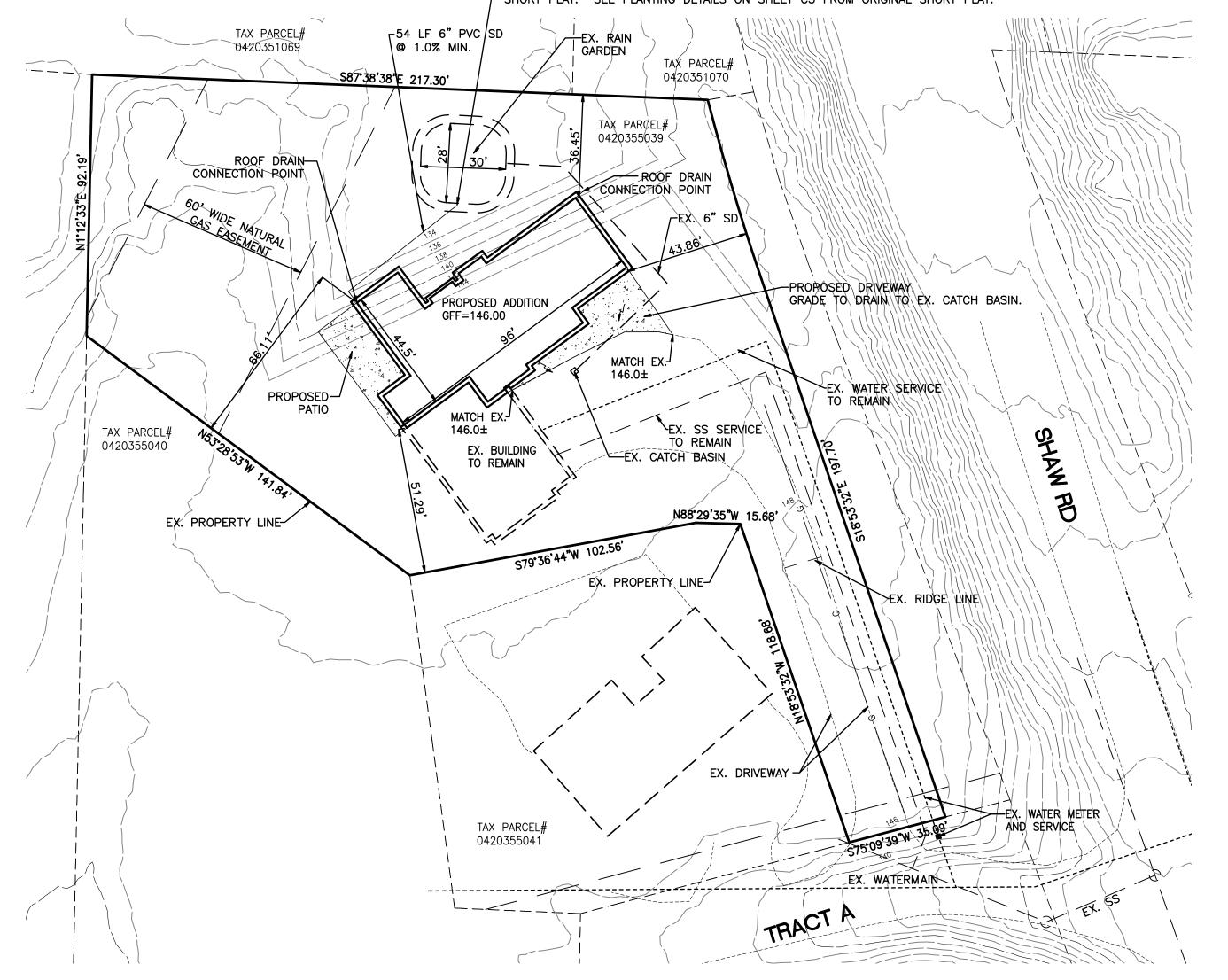
ALL DISTURBED SOILS TO BE AMENDED PER CITY OF PUYALLUP REQUIREMENTS. STOCKPILE EXISTING SOILS ONSITE FOR USE AS AMENDED SOILS. SEE SOIL AMENDMENT INFORMATION

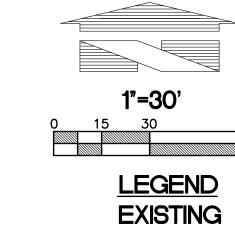
UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POTHOLING 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 THE ENGINEER TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

A PORTION OF SECTION 35, TOWNSHIP 20N, RANGE 04E, W.M., PIERCE COUNTY GRADING AND UTILITY PLAN

CONNECT PROPOSED ROOF DOWNSPOUTS TO EX. 28'x30' RAIN GARDEN RAIN GARDEN SIZED FOR FUTURE RESIDENCE. CONTRACTOR TO REHABILITATE/MAINTAIN EX. RAIN GARDEN IN ACCORDANCE WITH THE REQUIREMENTS OF THE ORIGINAL SHORT PLAT. SEE PLANTING DETAILS ON SHEET C3 FROM ORIGINAL SHORT PLAT.





EXISTING CONTOUR LINE EXISTING PROPERTY BOUNDARY EXISTING LOT LINE EXISTING GRAVEL DRIVEWAY EXISTING EASEMENT LINE

GRAVEL

CONCRETE

PROPOSED

FLOW PATH PROPOSED SPOT GRADE PROPOSED GRADING SLOPE PROPOSED DRIVEWAY PROPOSED CONTOUR LINE PROPOSED STORM DRAIN PIPE PROPOSED CATCH BASIN PROPOSED CLEANOUT PROPOSED SEWER/SEPTIC LINE PROPOSED WATER METER PROPOSED WATER SERVICE

OWNER/APPLICANT

KRAMER NIRIDER 1404 SHAW RD PUYALLUP, WA 98372

ENGINEER:

TEBALDI ENGINEERING, LLC 4625 - 126TH AVENUE EAST EDGEWOOD, WA 98372 TEL: (206) 450-5096 CONTÀCT: CHRIS TEBALDI, P.E. CHRIS@TEBALDIENGINEERING.COM

FOOTING DRAIN NOTE:

CONTRACTOR TO INSTALL PERFORATED PVC FOOTING DRAIN. DRAIN TO DAYLIGHT.

WATER PURVEYOR:

CITY OF PUYALLUP WATER

SEWER PURVEYOR:

CITY OF PUYALLUP SEWER DISTRICT

CIVIL SHEET INDEX:

GRADING AND UTILITY PLAN C2 TEMPORARY EROSION CONTROL PLAN NOTES AND DETAILS

LEGAL DESCRIPTION:

SECTION 35 TOWNSHIP 20 RANGE 04 QUARTER 13 PARCEL A OF ROS FOR BLA 2016-05-31-5002 DESC AS L 1 OF SP 2011-11-09-5001

VERTICAL DATUM:

EXISTING SURVEY INFORMATION NOTE: THESE DRAWINGS HAVE BEEN PREPARED BASED ON LIDAR AND CITY OF PUYALLUP

TEBALDI ENGINEERING, LLC DOES NOT WARRANT THAT THE TOPOGRAPHY SHOWN ON THESE DRAWINGS IS REPRESENTATIVE OF WHAT IS CONSTRUCTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER TO HAVE ALL IMPROVEMENTS FIELD VERIFIED PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO WORK.

PROJECT DATA:

PROJECT ADDRESS: 1404 SHAW RD PUYALLUP, WA 98372

0420355039 TAX PARCEL:

CITY OF PUYALLUP JURISDICTION: PROJECT AREA SUMMARY:

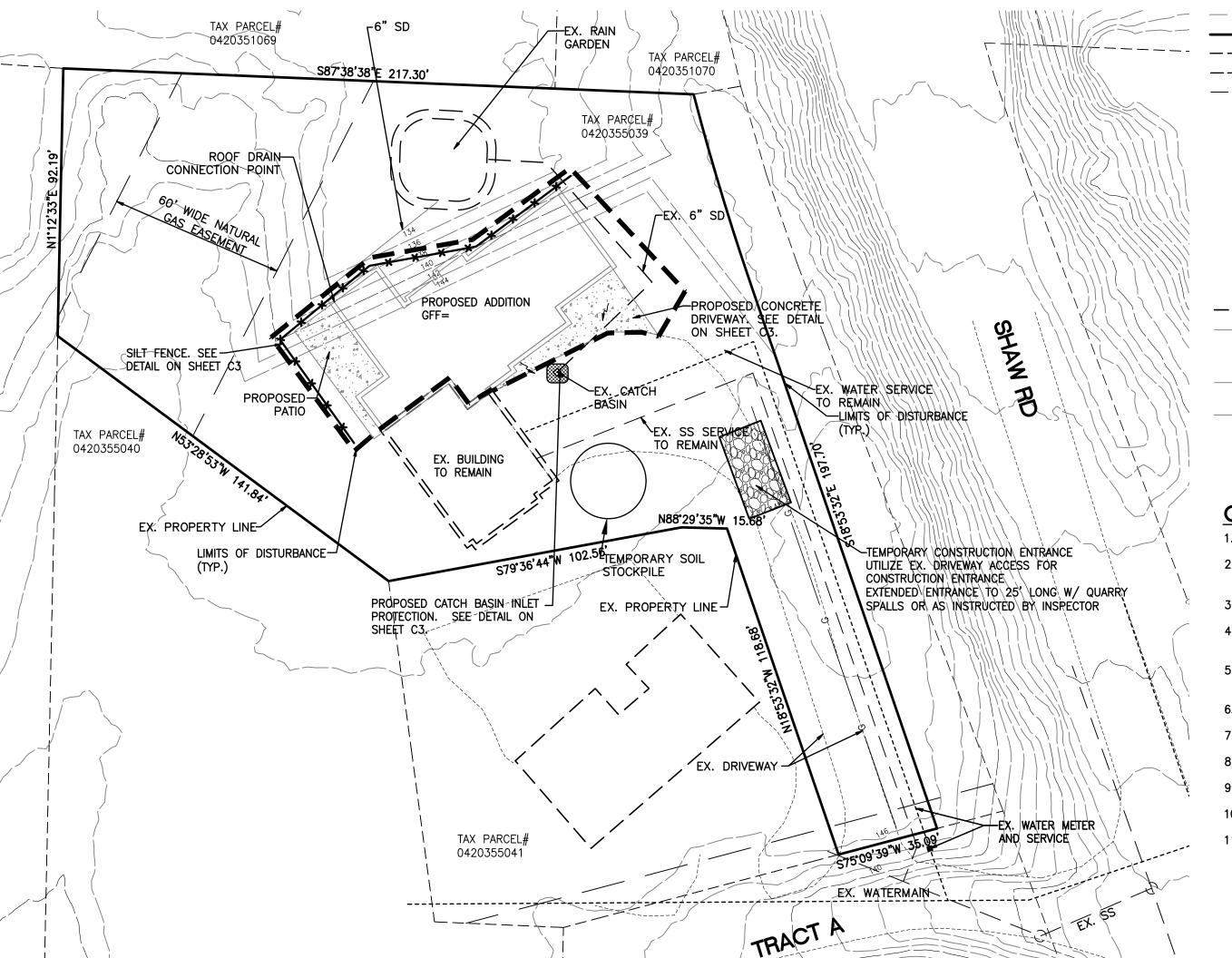
TOTAL SITE AREA = 39,551 SF PROPOSED ROOF ADDITION AREA= 3,735 SF PROPOSED PATIO AREA= 529 SF PROPOSED DRIVEWAY= 601 SF TOTAL PROPOSED IMP. AREA= 4,865 SF

EXISTING GARAGE ROOF = 1,350 SF EXISTING DRIVEWAY = 3.507 SF (TRIB. TO RAIN GARDEN)

APPROX. 50 CY CUT/FILL GRADING QUANTITIES ARE FOR PERMITTING PURPOSES ONLY. ACTUAL GRADING QUANTITIES SHOULD BE DETERMINED BY CONTRACTOR AFTER OF PLANS.

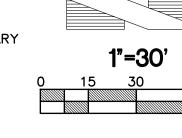
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A PORTION OF SECTION 35, TOWNSHIP 20N, RANGE 04E, W.M., PIERCE COUNTY TEMPORARY EROSION CONTROL PLAN





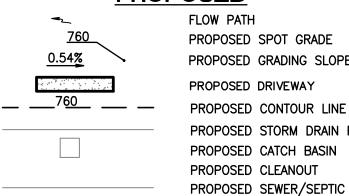
EXISTING CONTOUR LINE EXISTING PROPERTY BOUNDARY EXISTING LOT LINE EXISTING GRAVEL DRIVEWAY



EXISTING EASEMENT LINE GRAVEL

CONCRETE

PROPOSED



PROPOSED SPOT GRADE PROPOSED GRADING SLOPE PROPOSED DRIVEWAY

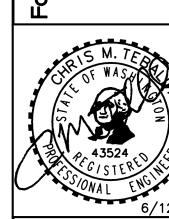
PROPOSED STORM DRAIN PIPE PROPOSED CATCH BASIN PROPOSED CLEANOUT PROPOSED SEWER/SEPTIC LINE PROPOSED WATER METER PROPOSED WATER SERVICE

CLEARING LIMITS CATCH BASIN PROTECTION

PERIMETER PROTECTION

CONSTRUCTION SEQUENCE

- 1. FLAG ALL DISTURBED AND/OR CLEARING LIMITS.
- 2. CALL THE UTILITY LOCATE SERVICE TO VERIFY LOCATION OF ANY EXISTING UTILITIES TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION.
- 3. IDENTIFY AND PROTECT ALL EXISTING VEGETATION TO REMAIN, AS REQUIRED.
- 4. PERFORM CLEARING AND GRADING REQUIRED FOR INSTALLATION OF PERIMETER CONTROLS.
- 5. INSTALL PERIMETER RUNOFF CONTROLS INCLUDING SILT FENCING AND CONSTRUCTION
- 6. INSTALL STORM DRAINAGE PROTECTION.
- 7. CLEAR AND STABILIZE CONSTRUCTION ACCESS, IF REQUIRED.
- 8. COMPLETE ALL REQUIRED STOCKPILING, SITE CLEARING, AND GRADING.
- 9. CONSTRUCT SITE IMPROVEMENTS.
- 10. COMPLETE FINAL GRADING, STABILIZATION, AND LANDSCAPING.
- 11. REMOVE SEDIMENT AND EROSION CONTROL MEASURES.





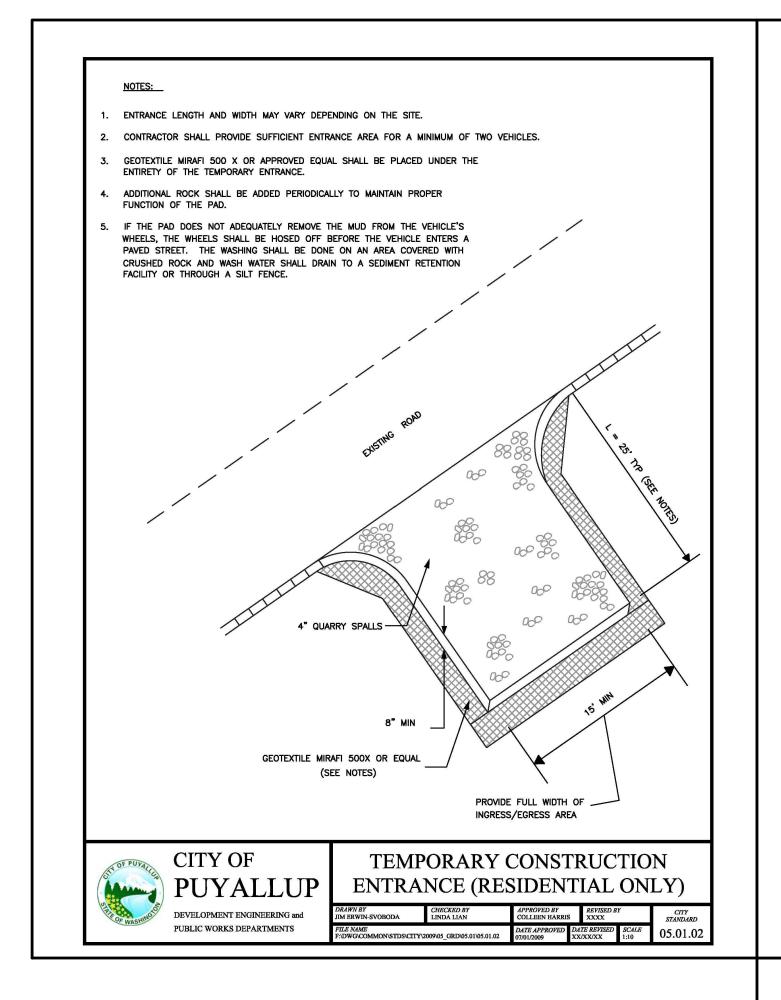
Or Call 1-800-424-5555

UTILITY CONFLICT NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POTHOLING 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 THE ENGINEER TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

Know what's below. Call before you dig.

NOTES AND DETAILS



1. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.

2. ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITEE.

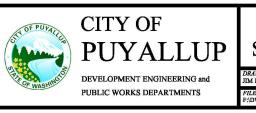
3. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BI CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.

4. APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR

5. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE

6. IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.

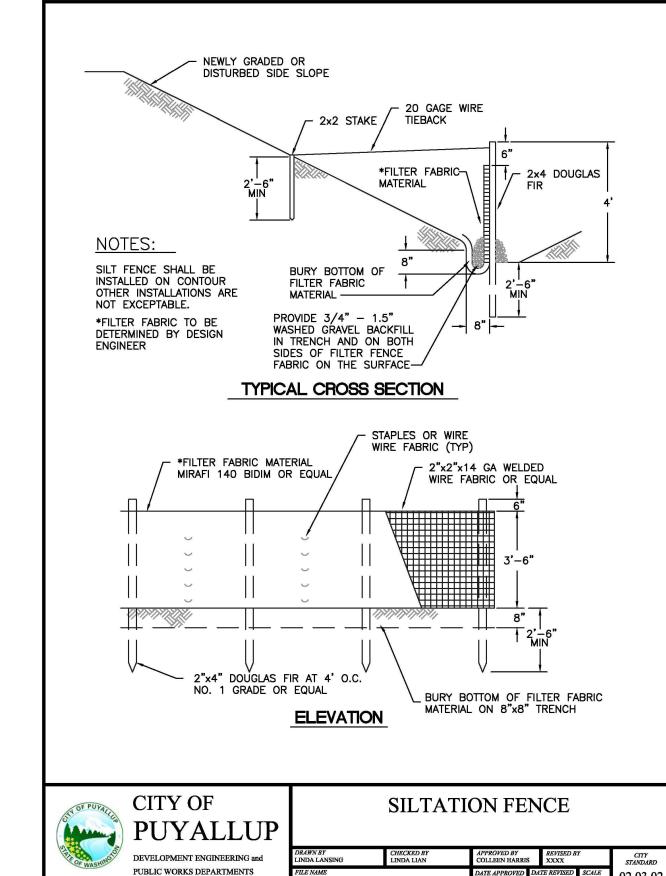
7. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.



GRADING, EROSION, AND SEDIMENTATION CONTROL NOTES

02.03.02

05.02.01 STDS\CITY\2009\05 GRD\05.01\05.02.01



SOIL AMENDMENT NOTES:

1. RETAIN AND PROTECT UNDISTURBED SOIL: LEAVE UNDISTURBED VEGETATION AND SOIL, AND PROTECT

FROM COMPACTION BY FENCING AND KEEPING MATERIALS STORAGE AND EQUIPMENT OFF OF THESE AREAS DURING CONSTRUCTION. FOR ALL AREAS WHERE SOIL OR VEGETATION ARE DISTURBED, USE OPTION 2, 3, OR 4. 2. AMEND SOIL:

 SOIL AMENDMENTS SHALL BE APPLIED TO ALL AREAS WHICH ARE BEING SET ASIDE AS NON-BUILDABLE AREAS (OPEN SPACE OR NATURAL RESOURCE PROTECTION AREAS) AND ARE IN NEED OF REHABILITATION BECAUSE OF POST LAND USE DISTURBANCES SUCH AS CLEARING AND INTRUSION OF INVASIVE SPECIES. THE PURPOSE IS TO ENHANCE AND ACCELERATE REHABILITATION OF THE SOIL STRUCTURE. THE APPLICATION WILL BE NON-DESTRUCTIVE TO THE EXISTING VEGETATION THAT IS RETAINED BY TAKING CARE TO TAPER DEPTHS OF SOIL AMENDMENT NEAR THE SURFACE ROOTS.

 AMEND EXISTING SITE TOPSOIL OR SUBSOIL EITHER AT DEFAULT "PRE-APPROVED" RATES , OR AT CUSTOM CALCULATED RATES TO MEET THE SOIL QUALITY GUIDELINES BASED ON ENGINEERING TESTS OF THE SOIL AND AMENDMENT. (REFER TO THE BUILDING SOIL MANUAL (STENN ET AL. 2012) OR WEBSITE (WWW.BUILDINGSOIL.ORG) FOR CUSTOM CALCULATION METHODS.

3. STOCKPILE SOIL: STOCKPILE EXISTING TOPSOIL DURING GRADING AND REPLACE IT PRIOR TO PLANTING. AMENDED STOCKPILED TOPSOIL IF NEEDED TO MEET THE ORGANIC MATTER OR DEPTH REQUIREMENTS EITHER AT THE DEFAULT "PRE-APPROVED" RATE OR AT THE CUSTOM CALCULATED RATE. SCARIFY SUBSOIL AND MULCH PLANTING BEDS.

4. IMPORT SOIL: IMPORT TOPSOIL MIX OF SUFFICIENT ORGANIC CONTENT AND DEPTH TO MEET THE REQUIREMENTS. IMPORTED SOILS SHOULD NOT CONTAIN EXCESSIVE CLAY OR SILT FINES (MORE THAN 5 PERCENT PASSING THE US #200 SIEVE) BECAUSE THAT COULD RESTRICT STORMWATER INFILTRATION. USE IMPORTED TOPSOIL THAT MEETS DEFAULT "PRE-APPROVED" RATES.

SCARIFY SUBSOIL AND MULCH PLANTING BEDS.

NOTE: MORE THAN ONE METHOD MAY BE USED ON DIFFERENT PORTIONS OF THE SAME SITE.

SOIL AMENDMENT

NOT TO SCALE

INSTALLATION AND MAINTENANCE GUIDELINES:

INSTALLATION: REMOVE THE GRATE FROM CATCH BASIN. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE CATCH BASIN FILTER BAG SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE

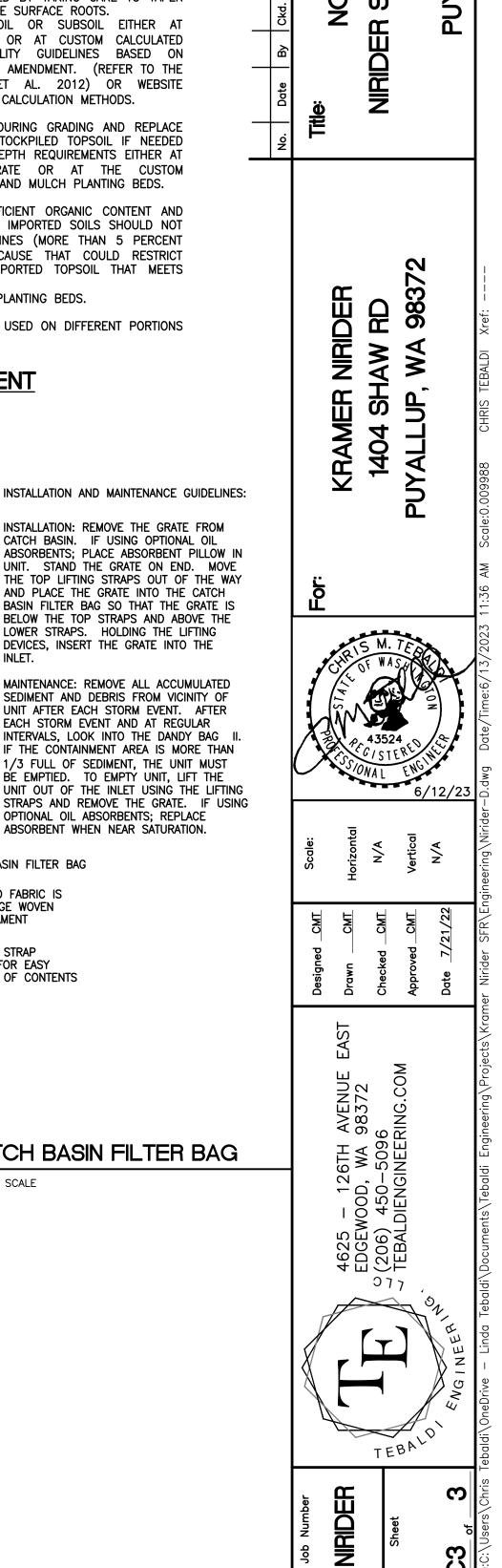
MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY BAG II. IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST -LIFT STRAPS BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE

-CATCH BASIN FILTER BAG

DUMPING STRAP ALLOWS FOR EASY REMOVAL OF CONTENTS

AN ORANGE WOVEN MONOFILAMENT

CATCH BASIN FILTER BAG



This detail for the rain garden was from the original approved plans, but is incomplete in its details. In order to expedite the project the following conditions are imposed upon the reconstruction of the rain garden:

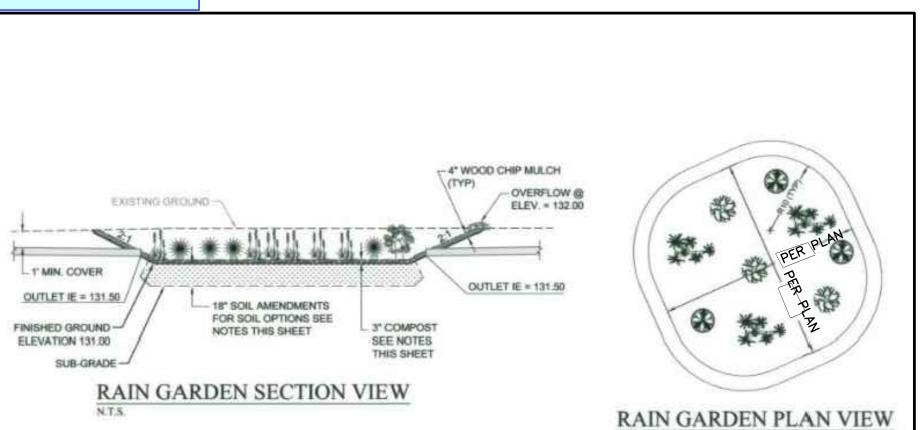
1. Refer to the Rain Garden Handbook for Western Washington (free online) and City of Puyallup details 02.06.01 and 02.06.02 for construction and planting

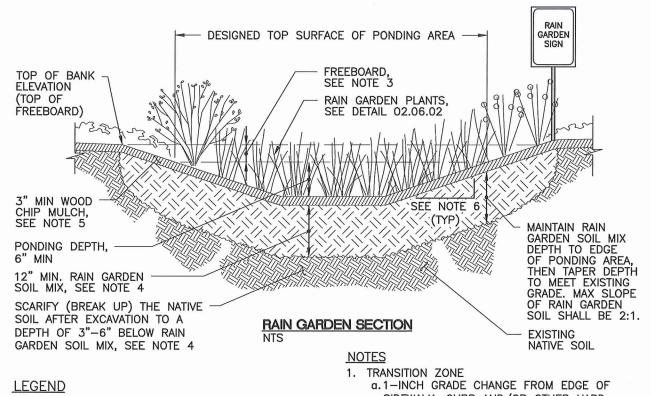
2. Replace or amend existing soils. Soil mix should be approximately 60% fine screened sand and 40% clean compost. Do not compact once replaced or

3. Preserve existing, living plants in and around the rain garden.

4. Space trees, plants, and shrubs according to expected mature size. Refer to the Rain Garden Handbook for sample planting plans and to determine which plants belong in which area of the rain garden.

| BIO-RETENTION PLANT LIST * | | | |
|----------------------------|--------|--------------------|---|
| Scientific Name | SYMBOL | Common Name | |
| Amelanchier alnifolia | 8 | saskatoon berry | |
| Malus fusca | *** | oregon crabapple | EXISTING GROUND 1' MIN. COVER OUTLET IE = 131.50 FINISHED GROUND ELEVATION 131.00 ELEVATION 131.00 |
| Paeudotsuga menziesii | 卷 | douglas fir | |
| Salix lucida | 0 | willow | |
| Ross nutkana | • | nootka rose | |
| Gaultheria Shallon | 3 | salal | |
| Alnes rubra | 0 | red aider | |
| Physocarpus capitatus | 0 | pacific ninebark | |
| Fragaria chiloensis | € | coastal strawberry | SUB-GRADE - |
| * USE ONLY NATIVE P | | AND SHRUBS | RAIN GARDEN SECTION |



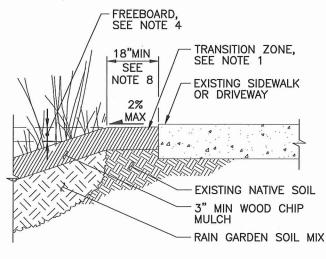


RAIN GARDEN SOIL MIX

WOOD CHIP MULCH



EXISTING NATIVE SOIL



RAIN GARDEN ADJACENT TO SIDEWALK OR DRIVEWAY

- SIDEWALK, CURB AND/OR OTHER HARD SURFACE.
- b. 2% MAX. SLOPE.
- c. TRANSITION SHALL BE A MINIMUM 18" AND INCLUDED T5.13 AMENDED SOILS PER BMP OR PER NOTE 3.
- 2. INSTALL 3-INCHES WOODCHIP MULCH OR AS SPECIFIED ON PLANS.
- 3. FREEBOARD SHALL BE A MINIMUM OF 6 INCHES. ROADWAY/SIDEWALK ELEVATION MUST BE HIGHER THAN TOP OF FREEBOARD.
- 4. DO NOT COMPACT THE RAIN GARDEN SOIL MIX. a.DO NOT OPERATE HEAVY EQUIPMENT WITHIN THE THE RAIN GARDEN.
 - b. DO NOT PLACE OR AMEND RAIN GARDEN SOIL WHEN THE GROUND IS FROZEN OR WHEN THE SOIL IS EXCESSIVELY WET.
- 5. FOR RAIN GARDENS WITHOUT BERMS, CONTINUE MULCH FOR A MINIMUM OF 2-FEET PAST THE TOP OF BANK ELEVATION OR INSTALL LANDSCAPE EDGING.
- 6. MAXIMUM SIDE SLOPE (2:1 OR 3:1) VARIES PER DESIGN.
- 7. RAIN GARDEN SIGN SHALL BE INSTALLED PER DETAIL 02.06.06.
- 8. TOP OF BANK SHALL BE A MINIMUM OF 18" FROM RIGHT OF WAY OR UTILITY EASEMENT LINE.



CITY OF PUYALLUP

OFFICE of THE CITY ENGINEER

RAIN GARDEN SECTION

DRAWN BY CHECKED BY TED HILL V STOCKMAN

APPROVED BY MARK PALMER FILE NAME
F;\DWG\COMMON\STDS\CITYSTDS\02 SD\02,06\02,06\02.06.01

XX/XX/XX XX/XX/XX DATE APPROVED SCALE NTS

REVISED BY

CITY STANDARD 02.06.01

