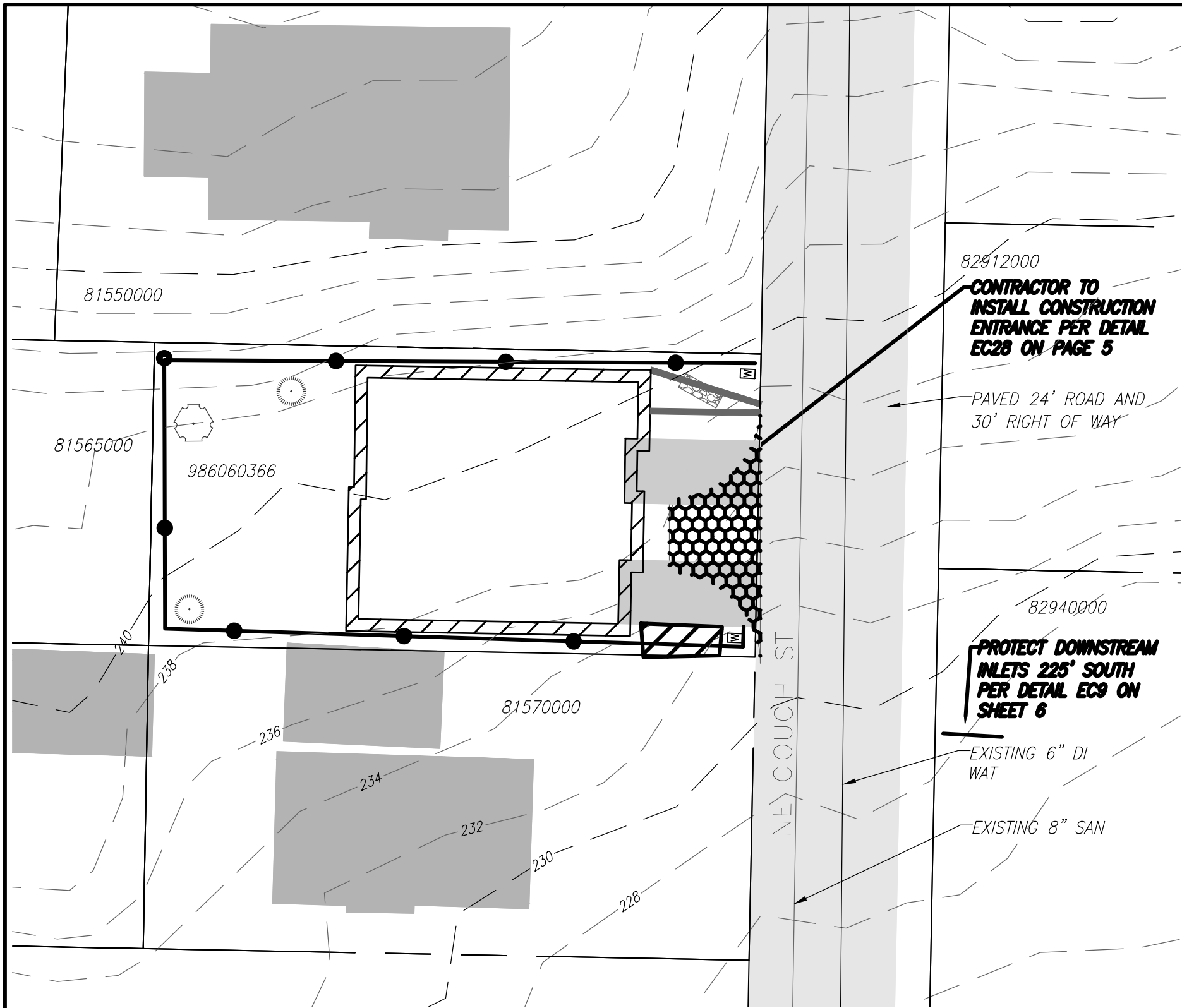
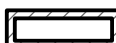

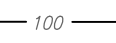




DATE PLOTTED: Feb. 24, 2023 - 6:47 PM



**LEGEND**

-  PROPOSED BUILDING
-  DISTURBED AREA
-  100 EXISTING MAJOR CONTOURS

**TRUE NORTH**  
- GEOTECHNICAL -  
PHONE (503) 802-2464

JASON R. WEEKS  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
54967  
2/24/23

GRADING PLAN SHEET

WASHINGTON

CAMAS



**COUCH  
DUPLX**

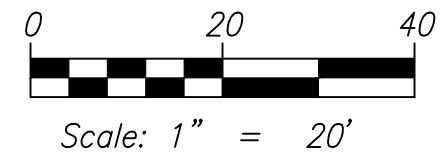
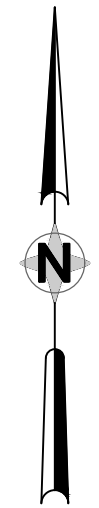
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DRAWN BY: JRW  
CHECKED BY: JRW  
SCALE: N/A

JOB NUMBER SHEET  
2 of 9

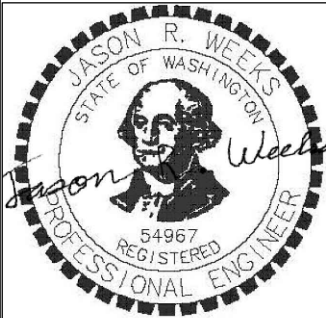
PLANTING PLAN

-  PYRUS CALLERYANA CAPITAL (CAPITAL PEAR) or approved equal. 2" CAL AS SHOWN 1
-  THULA OCCIDENTALIS L. ARBORVITAE or approved equal. 6' TALL 3' O.C. 2





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COUCH  
DUPLX

CAMAS

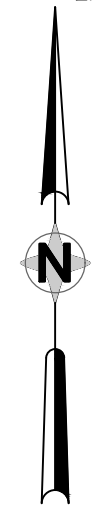
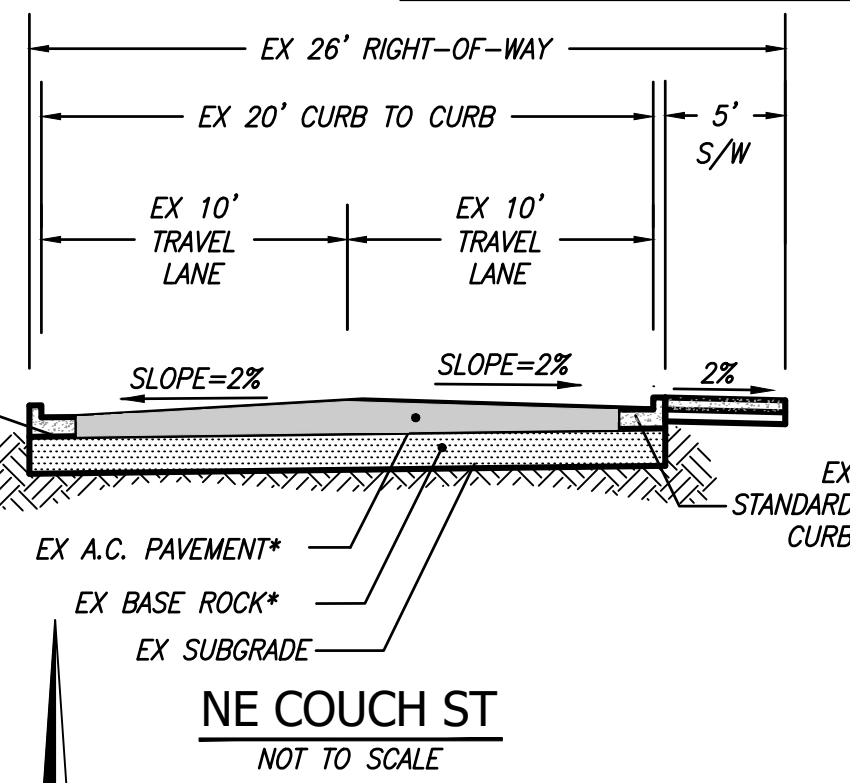
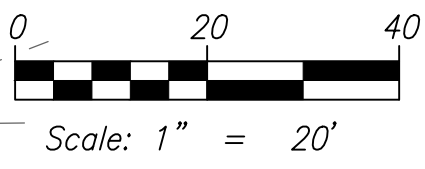
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JOB NUMBER SHEET  
3 of 9

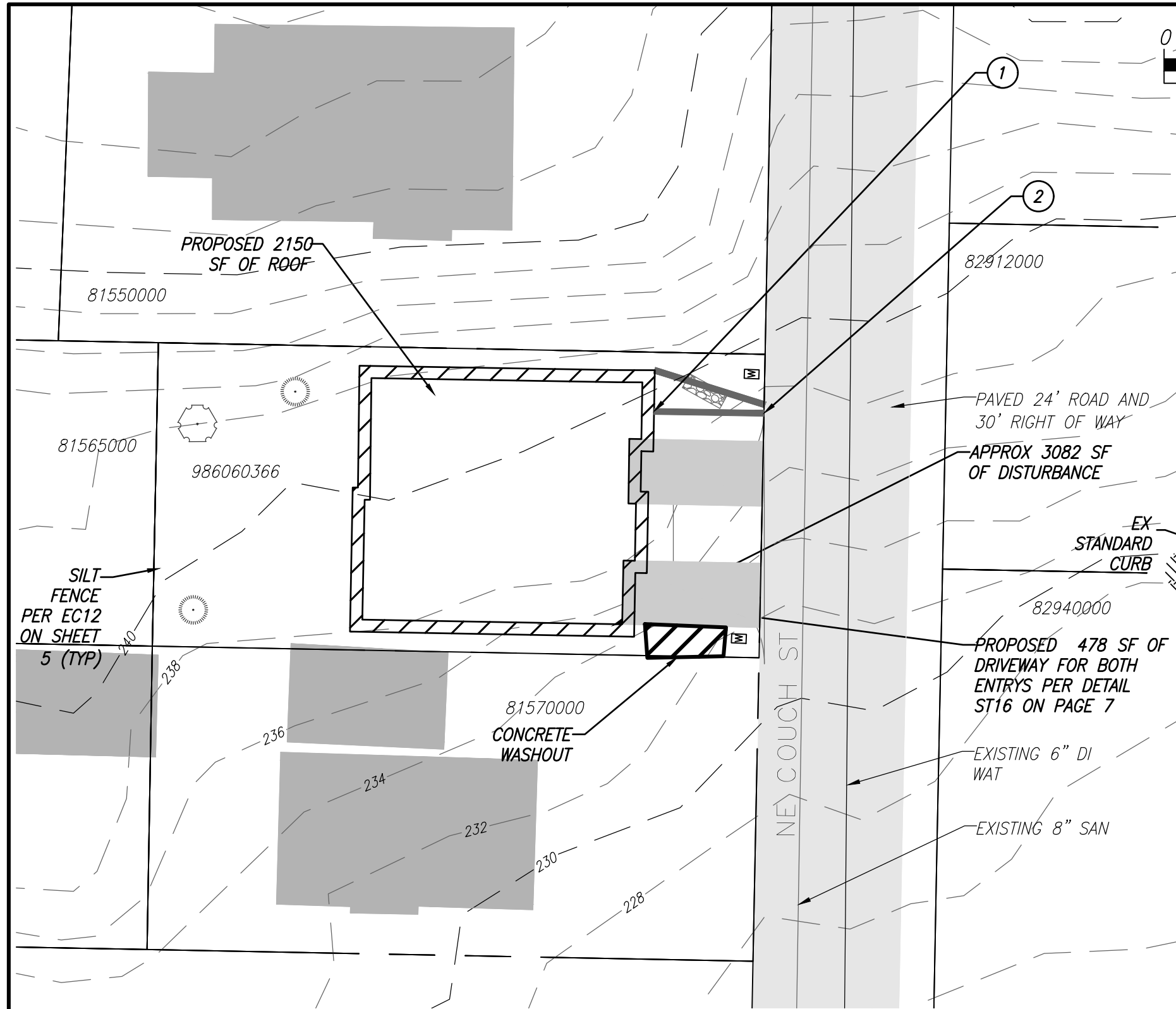
**LEGEND**

- PROPOSED BUILDING
- DISTURBED AREA
- 100 EXISTING MAJOR CONTOURS
- FLOW ARROW
- PROPOSED DRIVEWAY
- EXISTING DRIVEWAY



**NATIVE SOIL INFILTRATION RATES:**  
 TESTED INFILTRATION RATE = 0.40 IN/HR  
 SAFETY FACTOR OF = 4  
 DESIGNED INFILTRATION RATE = 0.1 IN/HR  
 1' OF CLEARANCE TO GROUND WATER BELOW SYSTEM WAS VERIFIED.

**EROSION NOTE:**  
 SIGNIFICANT VARIATION AND DEGREE OF EROSION CONTROL EFFORT WILL BE DICTATED BY WEATHER CONDITIONS. THE DEVELOPER AND CONTRACTOR SHOULD BE PREPARED TO PROVIDE EXTRA EROSION CONTROL PROVISIONS AND EFFORT DURING WINTER & WET WEATHER CONDITIONS BEYOND THAT NORMALLY REQUIRED DURING SUMMER AND DRY WEATHER CONDITIONS. FINE GRAINED AND UNCONSOLIDATED SOILS ON SLOPING SITES MAY BECOME UNSTABLE WHEN SUBJECT TO EXCESSIVE MOISTURE.



**DISPERSION DESIGN NOTES**

- ALL RUNOFF IS WITHIN THE SAME TDA AND HAS BEEN DIRECTED TOWARD THE EXISTING STORM FLOW PATHS
- ALL DISTURBED AREA IS TO BE PER BMP T5.13 POST-CONSTRUCTION SOIL QUANTITY AND DEPTH. CONTRACTOR TO MINIMIZE DISTURBED AREA AND PRESERVE NATIVE VEGETATION FLOW PATH AREAS AS MUCH AS POSSIBLE DURING CONSTRUCTION
- ALL ROOF LINES ARE TO BE 3" OR 4" ADS PIPE WITH MIN 2% SLOPE
- CONVEYANCE STORMPIPE IS TO BE 6" PVC PIPE WITH MIN 1% SLOPE
- ROOF STORMWATER TO BE DIRECTED TO PERFORATED STUBOUTS PER WWSM CH3.1.3
- SLOPE GROUND AT 2% MIN. FOR 5' AWAY FROM BUILDING FOUNDATIONS (ALL SIDES OF HOUSE)

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SANITARY AND WATER SHEET

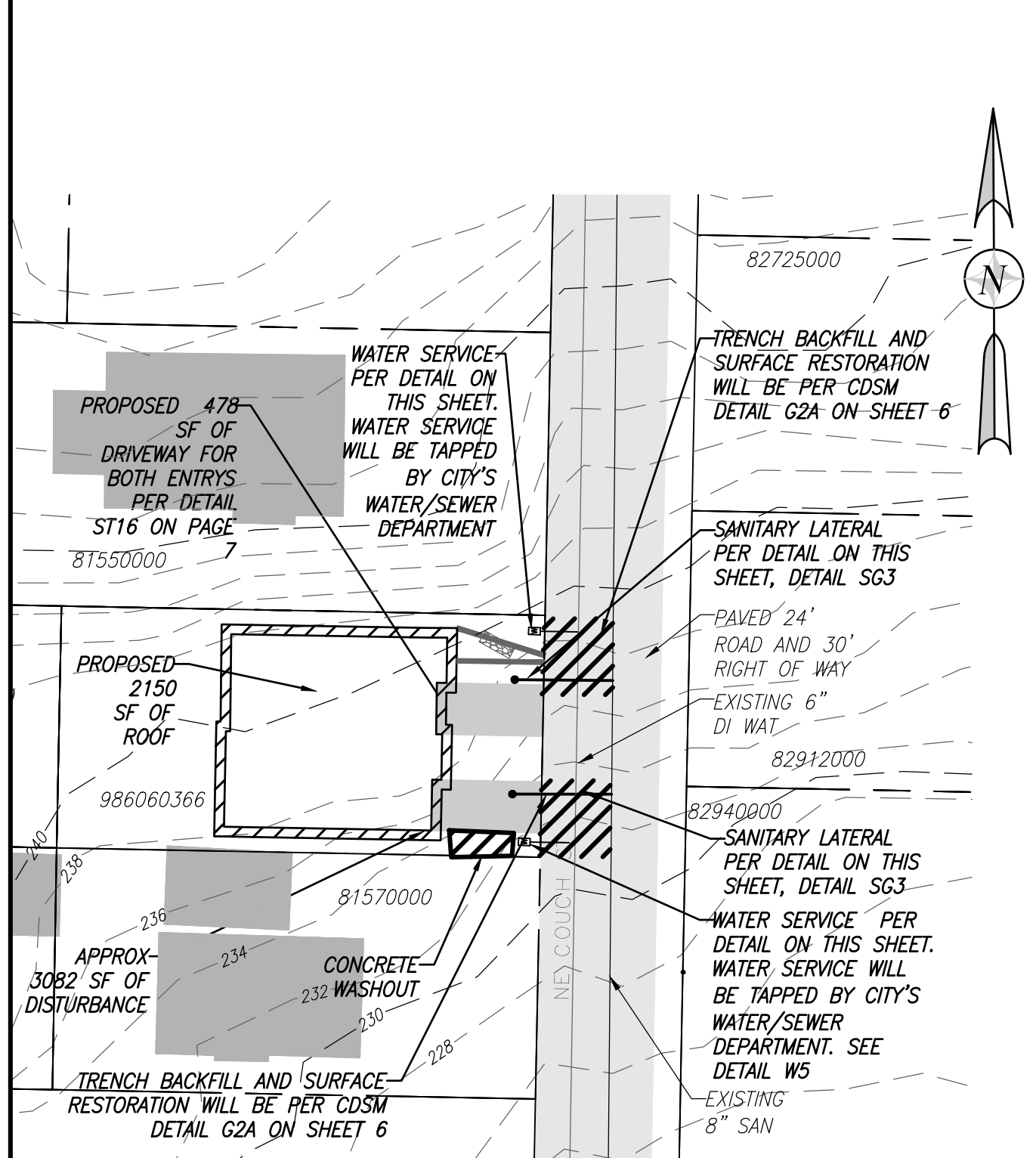
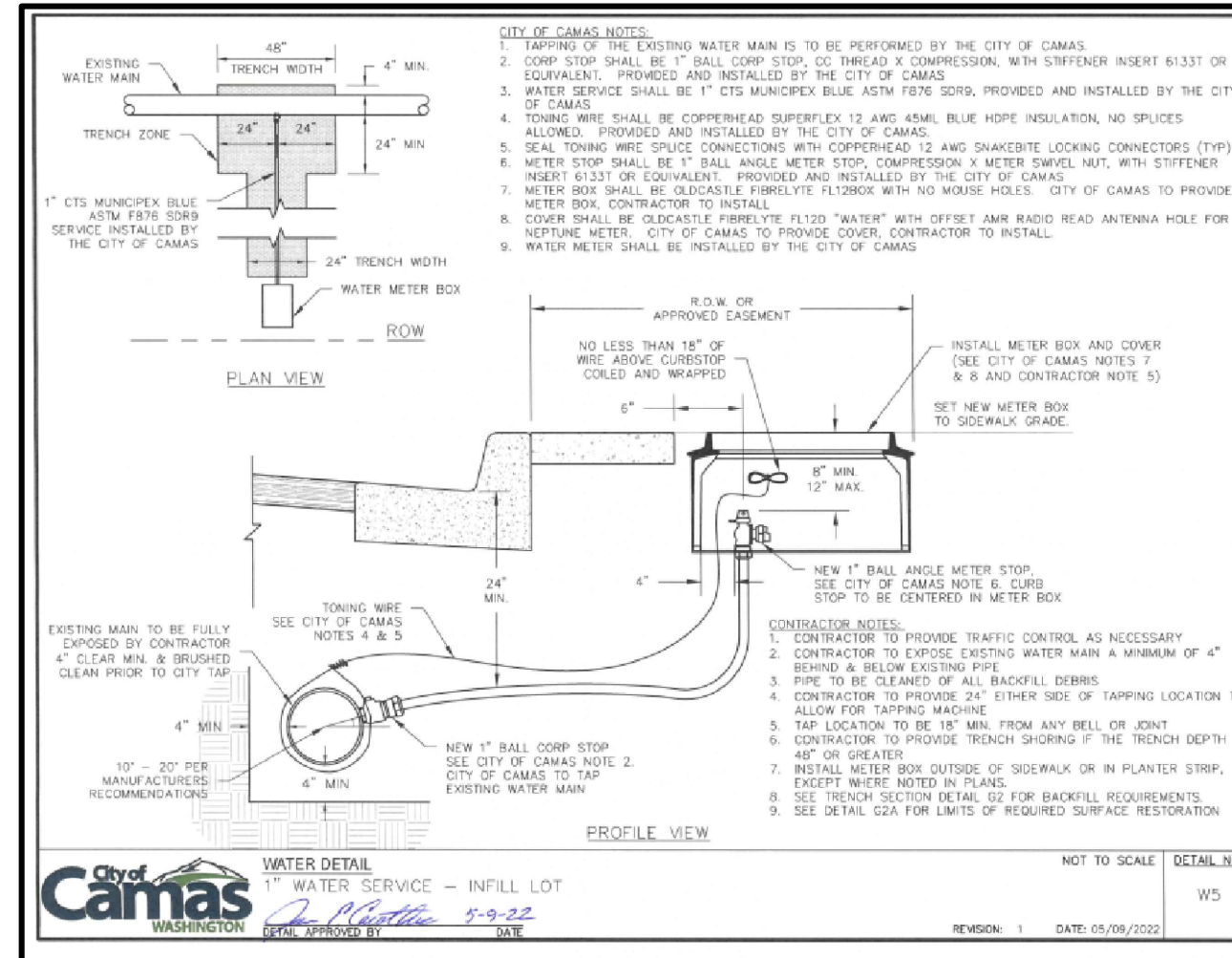
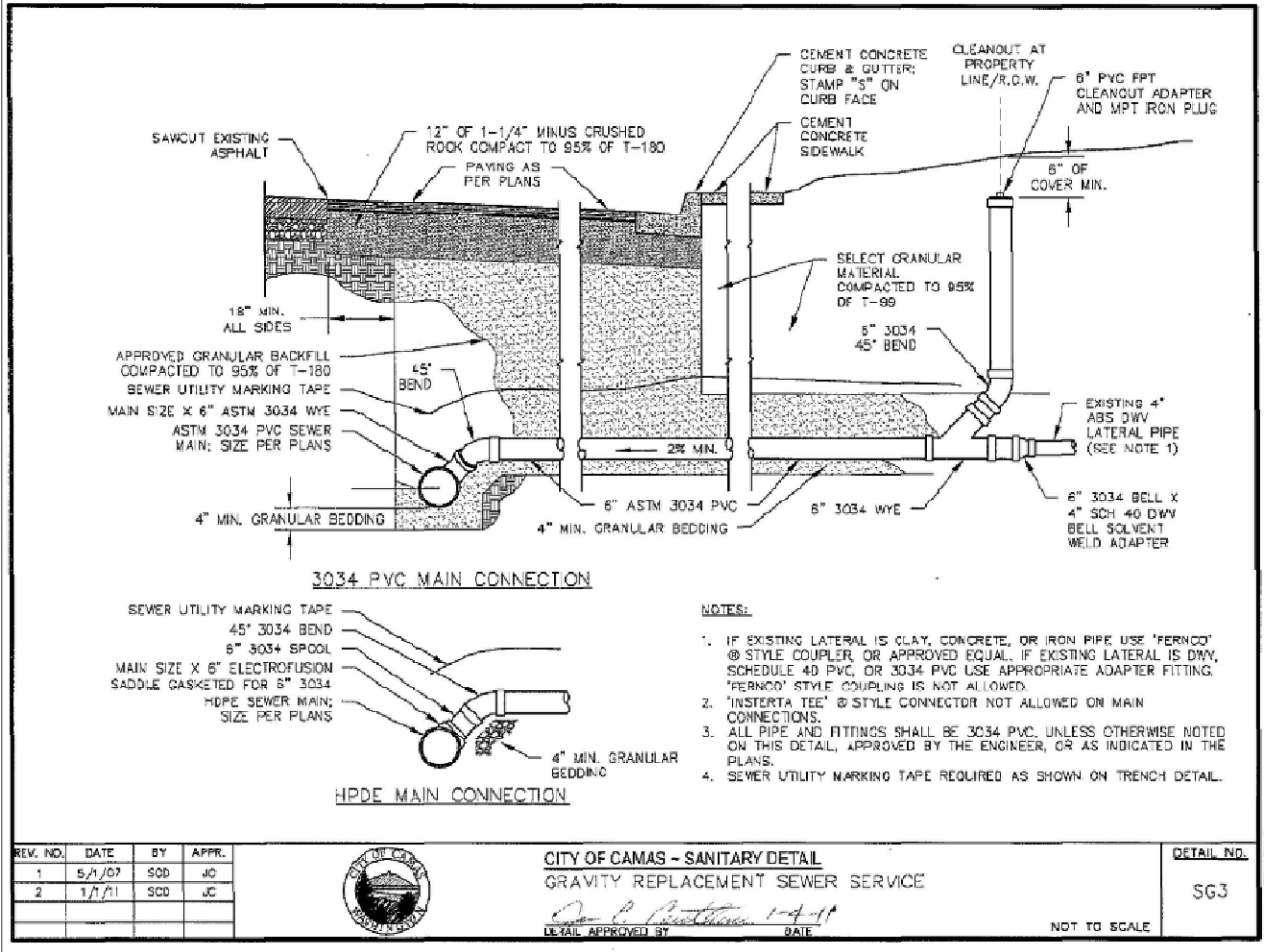
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 SCALE: N/A

JOB NUMBER SHEET  
 4 of 9



**LEGEND**

- PROPOSED BUILDING
- DISTURBED AREA
- EXISTING MAJOR CONTOURS
- FLOW ARROW
- PROPOSED DRIVEWAY
- EXISTING DRIVEWAY

Scale: 1" = 30'

DATE PLOTTED: Feb. 24, 2023 - 6:47 PM



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EROSION CONTROL NOTES

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CHECKED BY: JRW  
SCALE: N/A

JOB NUMBER: 22-400 SHEET: 5 of 9

EROSION/SEDIMENT CONTROL NOTES:

1. THE EROSION/SEDIMENT CONTROL (ESC) PLAN AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS TO BE UTILIZED AS A GUIDE TO CONTROL THE TRANSPORT OF LOOSE SOILS TO THE PROPERTY OUTSIDE OF THE CONSTRUCTION AREA AND AROUND THE CONSTRUCTION SITE. THE ESC MEASURES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT LEAVE THE SITE.
2. THE IMPLEMENTATION OF THE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADE OF THE ESC MEASURES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND PERMANENT VEGETATION/LANDSCAPING IS ESTABLISHED.
3. IF THE CITY INSPECTOR OR ENGINEER(S) HAS EVIDENCE OF POOR CONSTRUCTION PRACTICES OR EROSION CONTROL TECHNIQUES, A "STOP WORK" ORDER SHALL BE ISSUED UNTIL PROPER MEASURES HAVE BEEN TAKEN AND APPROVED BY THE CITY ENGINEERING STAFF.
4. THE CONTRACTORS SHALL BE RESPONSIBLE TO FAMILIARIZE THEMSELVES WITH THE MOST RECENTLY ADOPTED EDITION OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, VOL. II AND THE CITY OF CAMAS MUNICIPAL CODE 14.06 (2011).
5. ALL EROSION/SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND IN WORKING CONDITION PRIOR TO DISTURBING AND EXPOSING ANY SOIL SURFACES (I.E. CONSTRUCTION ENTRANCES, FILTER FABRIC SEDIMENT BARRIERS, AND SEDIMENTATION TRAPS) AND MAINTAINED FOR THE DURATION OF THE PROJECT. TRAPPED SEDIMENT IN EXCESS OF 1 FOOT SHALL BE REMOVED OR STABILIZED ON-SITE. DISTURBED SOIL AREAS RESULTING FROM VEGETATION REMOVAL SHALL BE PERMANENTLY STABILIZED. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
6. TO MINIMIZE EROSION AND SEDIMENTATION TRANSPORTATION, EARTHWORK SHALL NOT BE PERFORMED WHILE SOILS ARE IN AN UNSTABLE STATE DUE TO PRECIPITATION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE CLEARING LIMITS AND/OR ANY EASEMENTS, SENSITIVE OR CRITICAL AREAS, AND THEIR BUFFERS, TREES, AND DRAINAGE COURSES FLAGGED PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. FLAGGING LIMITS ARE TO BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
8. REMOVE ONLY THOSE TREES AND SHRUBS THAT NEED TO BE REMOVED FOR THE CONSTRUCTION OF ROADS, SIDEWALKS, UTILITIES, AND STORMWATER FACILITIES.
9. ALL EXISTING AND NEWLY CONSTRUCTED ROAD CATCH BASINS AND CURB INLETS AFFECTED BY CONSTRUCTION SHALL BE PROTECTED AGAINST SEDIMENT DEPOSITS. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
10. ALL POLLUTANTS THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER SYSTEM.
11. ALL DISTURBED SOIL SURFACES ARE TO BE STABILIZED BY A SUITABLE APPLICATION OF "BEST MANAGEMENT PRACTICES" (BMP'S). DURING THE PERIOD OF OCTOBER 1 THROUGH JULY 5 DISTURBED SOILS MAY REMAIN UNSTABILIZED FOR UP TO TWO DAYS WHEN NOT BEING WORKED. FROM JULY 5 THROUGH OCTOBER 1, DISTURBED SOILS MAY REMAIN UNSTABILIZED FOR UP TO 7 DAYS WHEN NOT BEING WORKED. STABILIZATION OF DISTURBED SOIL AREAS MAY CONSIST OF HYDROSEEDING, HAND-SEEDING AND MULCHING, PLACEMENT OF EROSION CONTROL BLANKETS OR PLASTIC. ALL SEEDED AREAS ARE TO BE FERTILIZED, WATERED, AND MAINTAINED TO ENSURE THAT THE GROWTH OF VEGETATION OCCURS AS SOON AS POSSIBLE.
12. ALL TEMPORARY SEDIMENT AND EROSION CONTROL BMP'S SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP'S ARE NO LONGER NEEDED.

REV. NO.	DATE	BY	APPR.
1	9/18/07	SD	JC
2	1/1/11	SCD	JC



CITY OF CAMAS - EROSION CONTROL DETAIL  
EROSION/SEDIMENT CONTROL NOTES

DETAIL APPROVED BY: *[Signature]* DATE: 1-4-11

NOT TO SCALE

DETAIL NO.  
EC2

EC-NOTES.DWG

EROSION/SEDIMENT CONTROL NOTES (CONTINUED):

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR POLICING THE JOB SITE DAILY AND MAINTAINING THE EROSION/SEDIMENT CONTROL MEASURES THROUGHOUT ALL PHASES OF CONSTRUCTION. AN INSPECTION LOG SHALL BE KEPT AND MADE AVAILABLE TO THE CITY OF CAMAS. THE POLICING AND MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO:
  - VERIFYING THAT ALL AREAS ARE GRADED SUCH THAT ALL RUNOFF IS DIRECTED TO A SEDIMENTATION DEVICE BEFORE DISCHARGE TO SURFACE.
  - REMOVAL OF TRAPPED SILT AT SILT BARRIERS, SILT TRAPS, OR POINTS OF ACCUMULATION.
  - ADDITIONAL PROTECTIVE MEASURES DUE TO JOB SITE OR WEATHER CONDITIONS AS REQUIRED BY THE CITY OF CAMAS.
  - MONITORING OF VEHICLES LEAVING THE SITE TO MINIMIZE TRANSMISSION OF LOOSE SOILS TO THE PUBLIC ROADWAYS.
  - VERIFY THAT ALL PROPERTIES ADJACENT TO THE PROJECT SITE ARE PROTECTED FROM SEDIMENTATION DEPOSITION. THIS MAY BE ACCOMPLISHED BY INSTALLING PERIMETER CONTROLS SUCH AS SEDIMENTATION BARRIERS, FILTERS OR DIKES, SEDIMENTATION BASINS/TRAPS, OR BY A COMBINATION OF SUCH MEASURES.
14. CUT AND FILL SLOPES SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. SLOPES SHALL BE STABILIZED IN ACCORDANCE WITH EROSION/SEDIMENT CONTROL NOTE 11. SLOPES FOUND TO BE ERODING EXCESSIVELY WITHIN TWO YEARS OF CONSTRUCTION MUST BE PROVIDED WITH ADDITIONAL SLOPE STABILIZING MEASURES. THESE MEASURES MAY CONSIST OF ROUGHENED SOIL SURFACES, INTERCEPTORS, DIVERSIONS OR TERRACES, TEMPORARY OR PERMANENT CHANNELS, ADDITIONAL VEGETATION, OR PIPE SLOPE DRAINS AS REQUIRED BY THE CITY OF CAMAS UNTIL THE PROBLEM IS CORRECTED.
15. THE ESC MEASURES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN 24 HOURS FOLLOWING ANY STORM EVENT.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING UNDERGROUND UTILITIES AS SPECIFIED BELOW:
  - WHERE FEASIBLE, NO MORE THAN 500 FEET OF TRENCH SHALL BE OPEN AT ONE TIME.
  - WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
  - TRENCH DE-WATER DEVICES SHALL DISCHARGE INTO A SEDIMENT TRAP OR SEDIMENT POND.
17. PRIOR TO CONSTRUCTION, THE CITY OF CAMAS REQUIRES AN APPROVED FORM OF SECURITY IN THE AMOUNT OF 200% OF THE ENGINEER'S ESTIMATED COST OF THE ESC MEASURES, INCLUDING ASSOCIATED LABOR, AS SHOWN IN THE APPROVED ESC PLAN AND SWPPP.
18. SUGGESTED STANDARD SEED MIXTURE FOR THOSE AREAS WHERE A TEMPORARY VEGETATIVE COVER IS REQUIRED:
 

TEMPORARY EROSION CONTROL MIX*			
SEED VARIETY	% WEIGHT	% PURITY	% GERMINATION
CHEWINGS OR ANNUAL BLUE GRASS <small>(FESTUCA ARVENSIS VAR. COMMUTATA OR POA ANNA)</small>	40	98	90
PERENNIAL RYE <small>(LOLIUM PERENNE)</small>	50	98	90
REDFEET OR COLONIAL BENTGRASS <small>(AGROSTIS ALBA OR AGROSTIS TENUIS)</small>	8	92	85
WHITE DUTCH CLOVER <small>(TRIFOLIUM REPENS)</small>	5	98	90

\*APPLICATION RATE OF 120 LBS/ACRE AND COVERED WITH STRAW OR MULCH

19. SUGGESTED TURF SEED MIXTURE FOR DRY SITUATIONS WHERE THERE IS NO NEED FOR MUCH WATER:
 

LOW-GROWING TURF SEED MIX*			
SEED VARIETY	% WEIGHT	% PURITY	% GERMINATION
DWARF TALL FESCUE (SEVERAL VARIETIES) <small>(FESTUCA ARUNDINACEA VAR.)</small>	45	98	90
DWARF PERENNIAL RYE <small>(LOLIUM PERENNE VAR. BARCLAY)</small>	30	98	90
RED FESCUE <small>(FESTUCA RUBRA)</small>	20	98	90
COLONIAL BENTGRASS <small>(AGROSTIS TENUIS)</small>	5	98	90

\*APPLICATION RATE OF 120 LBS/ACRE AND COVERED WITH STRAW OR MULCH

REV. NO.	DATE	BY	APPR.
1	9/18/07	SD	JC
2	1/1/11	SCD	JC



CITY OF CAMAS - EROSION CONTROL DETAIL  
EROSION/SEDIMENT CONTROL NOTES

DETAIL APPROVED BY: *[Signature]* DATE: 1-4-11

NOT TO SCALE

DETAIL NO.  
EC3

EC-NOTES.DWG

DATE PLOTTED: Feb. 24, 2023 - 6:47 PM



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EROSION CONTROL DETAILS

WASHINGTON

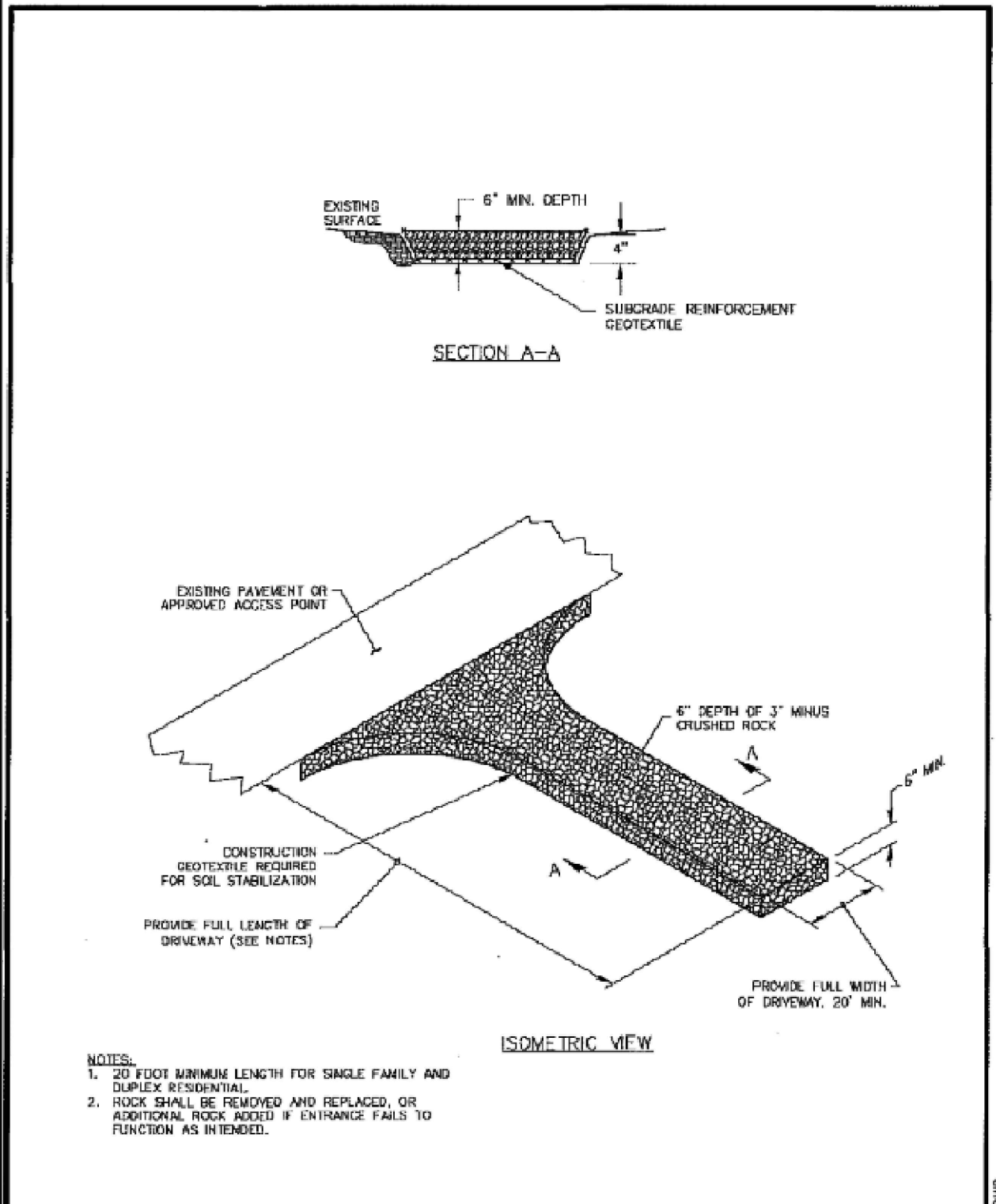
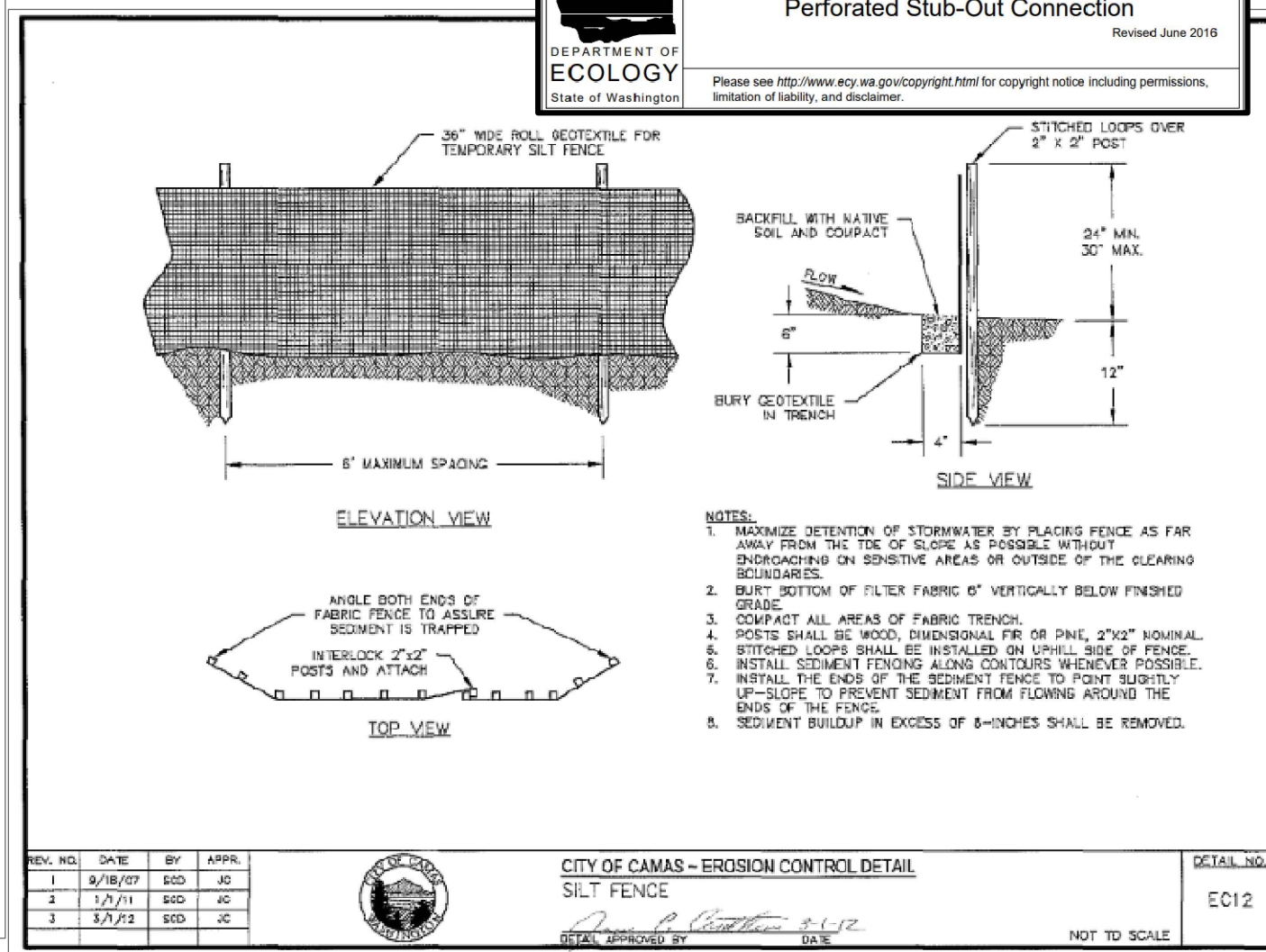
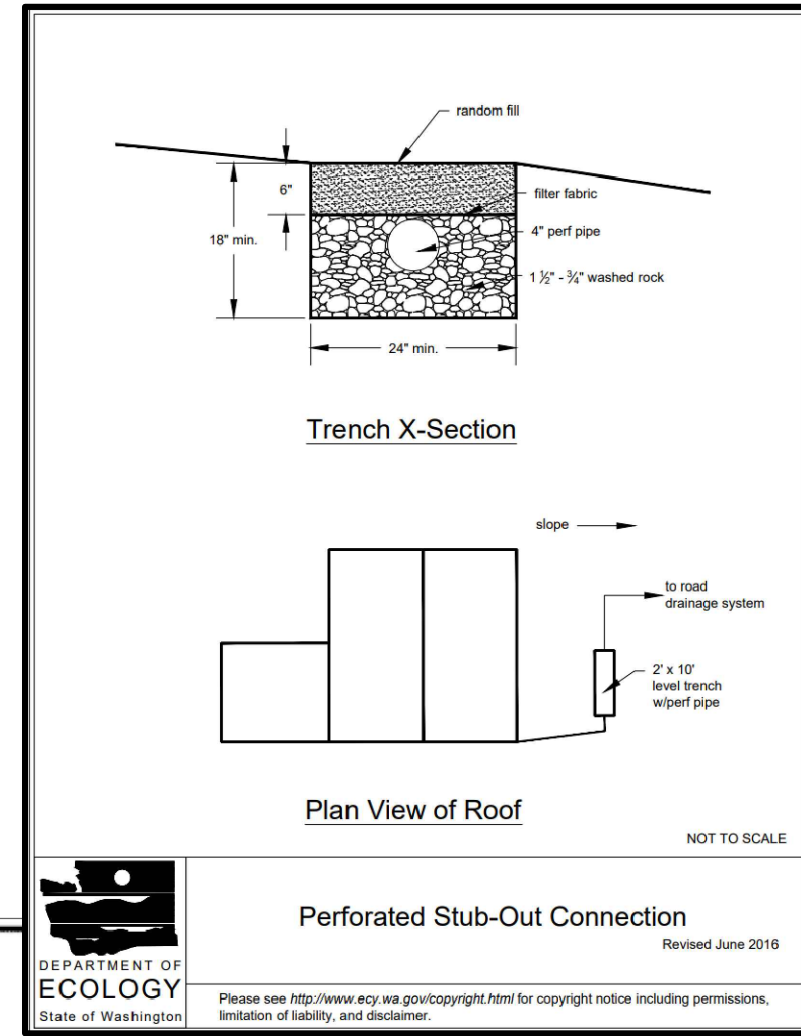
CAMAS

COUCH  
DUPLX

REVISIONS

DESIGNED BY: JRW  
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 CHECKED BY: JRW  
 SCALE: N/A

JOB NUMBER: 22-400  
 SHEET: 6 of 9



REV. NO.	DATE	BY	APPR.	DETAIL NO.
1	6/11/12	SCD	JC	EC2B

CITY OF CAMAS - EROSION CONTROL DETAIL  
 CONSTRUCTION ENTRANCE FOR HOME BUILDERS  
 NOT TO SCALE

DATE APPROVED BY: *James P. Coathran* 6-12-12  
 DATE

REV. NO.	DATE	BY	APPR.	DETAIL NO.
1	9/18/07	SCD	JD	EC12
2	1/1/11	SCD	JC	
3	3/1/12	SCD	JC	

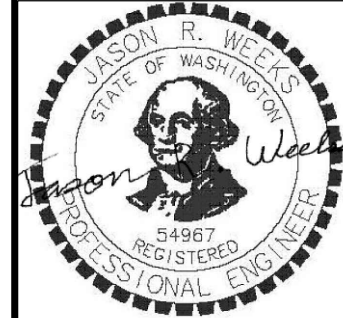
CITY OF CAMAS - EROSION CONTROL DETAIL  
 SILT FENCE  
 NOT TO SCALE

DATE APPROVED BY: *James P. Coathran* 3-1-12  
 DATE

DATE PLOTTED: Feb. 24, 2023 - 6:48 PM



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2/24/23

WASHINGTON

CONSTRUCTION DETAILS  
COUCH  
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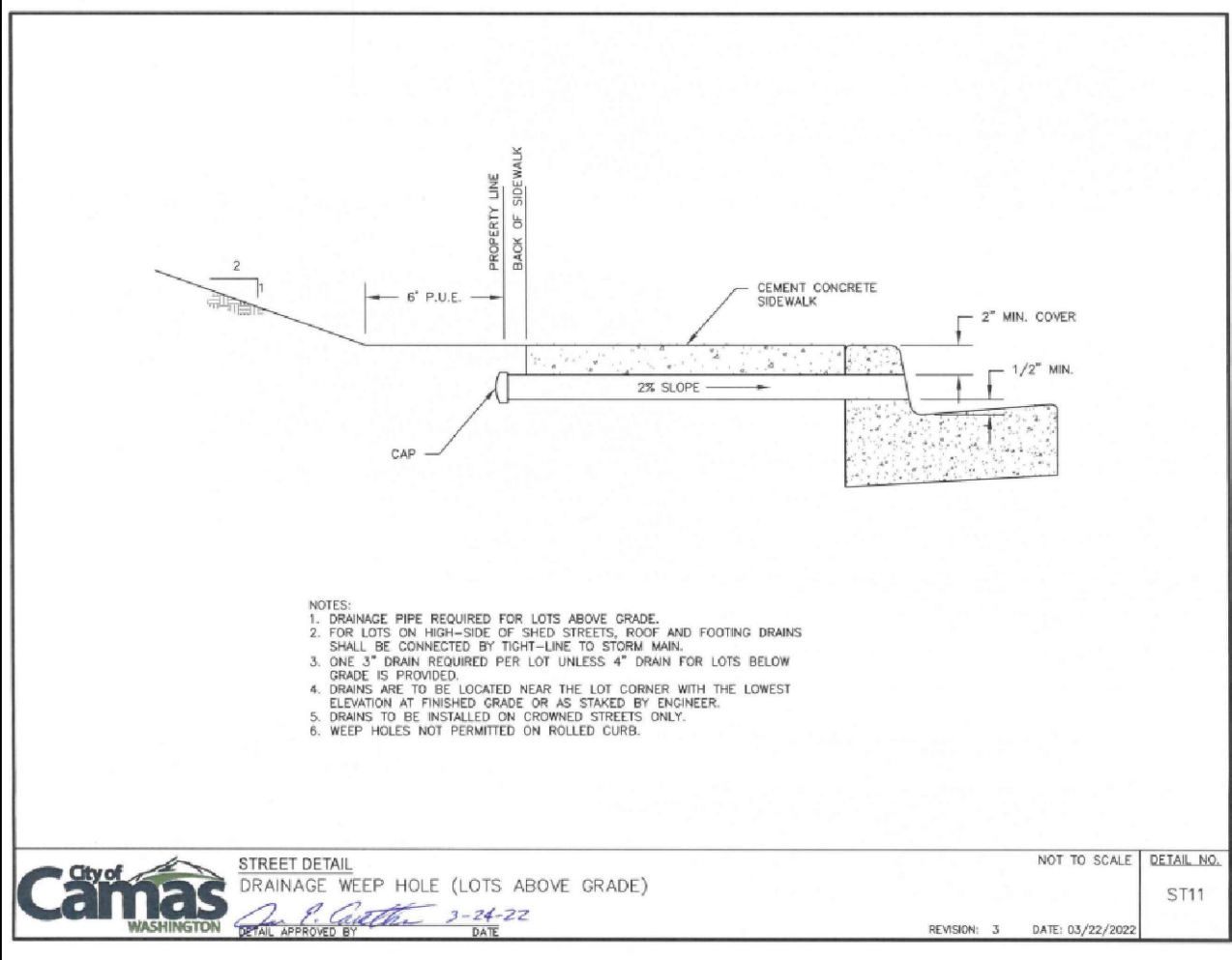
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REVISIONS

NO.	DATE	BY	APPR.	DESCRIPTION

DESIGNED BY: JRW  
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CHECKED BY: JRW  
SCALE: N/A

JOB NUMBER 22-400 SHEET 7 of 9



- NOTES:
1. DRAINAGE PIPE REQUIRED FOR LOTS ABOVE GRADE.
  2. FOR LOTS ON HIGH-SIDE OF SHED STREETS, ROOF AND FOOTING DRAINS SHALL BE CONNECTED BY TIGHT-LINE TO STORM MAIN.
  3. ONE 3" DRAIN REQUIRED PER LOT UNLESS 4" DRAIN FOR LOTS BELOW GRADE IS PROVIDED.
  4. DRAINS ARE TO BE LOCATED NEAR THE LOT CORNER WITH THE LOWEST ELEVATION AT FINISHED GRADE OR AS STAKED BY ENGINEER.
  5. DRAINS TO BE INSTALLED ON CROWNED STREETS ONLY.
  6. WEEP HOLES NOT PERMITTED ON ROLLED CURB.



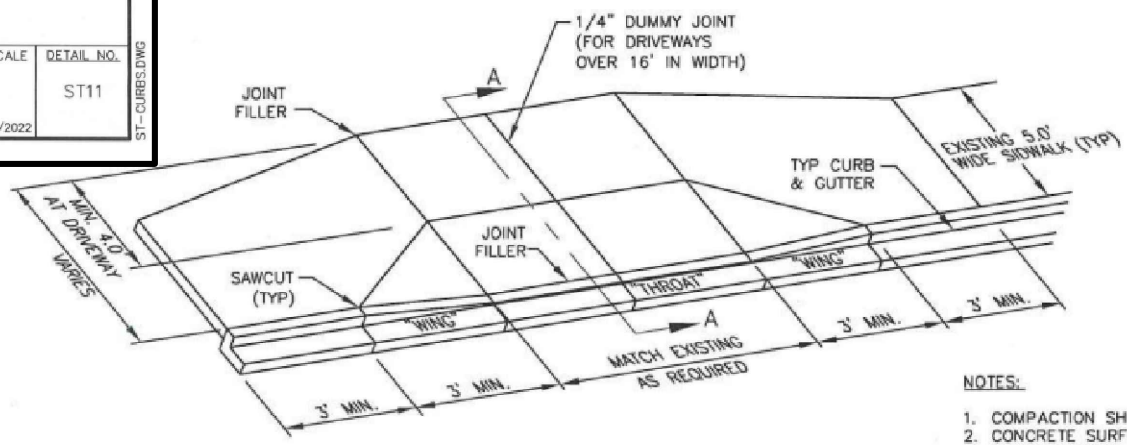
STREET DETAIL  
DRAINAGE WEEP HOLE (LOTS ABOVE GRADE)

DETAIL APPROVED BY: *Jason P. Cothran* 3-24-22 DATE

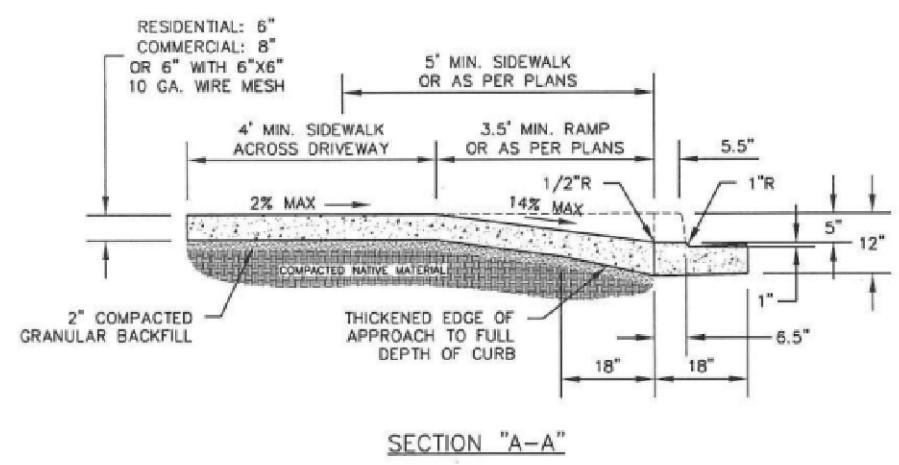
NOT TO SCALE DETAIL NO. ST11

REVISION: 3 DATE: 03/22/2022

ST-CURBS.DWG



- NOTES:
1. COMPACTION SHALL BE 95% OF T-180.
  2. CONCRETE SURFACE SHALL BE TROWELED SMOOTH & HAIR BROOMED.
  3. PROVIDE A WEAKENED PLANE JOINT OF 2" MIN. DEPTH AND 1/8" MAX. WIDTH IN THE MIDDLE OF THE DRIVEWAY APPROACH AND GUTTER.
  4. ON MONOLITHIC CURB, GUTTER AND SIDEWALK INSTALL WEAKENED PLANE JOINTS AT EDGES OF DRIVEWAY.
  5. MAX. DRIVEWAY THROAT WIDTH = 20' FOR TWO-CAR GARAGE & 30' FOR THREE-CAR GARAGE; PROVIDING THAT DRIVEWAY THROAT WIDTH DOES NOT EXCEED 40% OF TOTAL LOT FRONTAGE. THE WIDTH FOR DRIVEWAYS ACCESSING A LIMITED ACCESS ROADWAY WILL BE DETERMINED BY THE CITY ENGINEER.
  6. CEMENT CONCRETE APPROACHES SHALL BE CONSTRUCTED OF AIR-ENTRAINED CONCRETE CLASS 3000 AND MAY BE POURED INTEGRAL WITH CURB. APPROACH THROAT AND WINGS SHALL BE 6" THICK AS SHOWN IN SECTION "A-A".
  7. DRIVEWAY DROPS SHALL NOT BE USED AS ADA CURB RAMPS. SEE CURB RAMP DETAILS.
  8. AT THE DISCRETION OF THE CITY ENGINEER, THIS DETAIL MAY BE USED WHERE PLANTER STRIP IS LESS THAN 4.5' WIDE WITH WINGS ALLOWED TO BE 3' TO 6' PROVIDED THAT SIDEWALK SLOPES ARE HELD.
  9. FOR DRIVEWAY ON ROLLED CURB, SEE DETAIL ST16, NOTE 7.



REV. NO.	DATE	BY	APPR.
1	10/19/07	SCD	JC
2	2/1/10	SCD	JC
3	1/1/11	SCD	JC



CITY OF CAMAS - STREET DETAIL  
RETRO-FIT DRIVEWAY/SIDEWALK WITHOUT PLANTER

DETAIL APPROVED BY: *Jason P. Cothran* 1-4-11 DATE

NOT TO SCALE

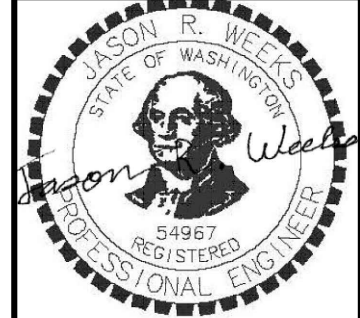
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ST-DRIVEWAYS.DWG

DATE PLOTTED: Feb. 24, 2023 - 6:48 PM



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CONSTRUCTION DETAILS 2

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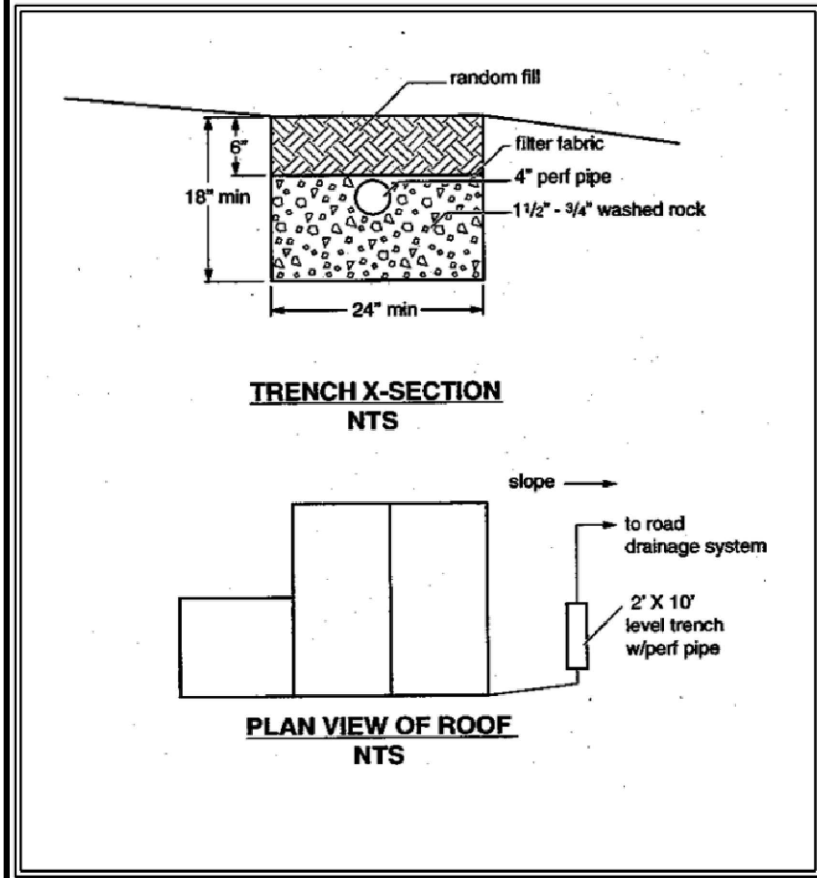
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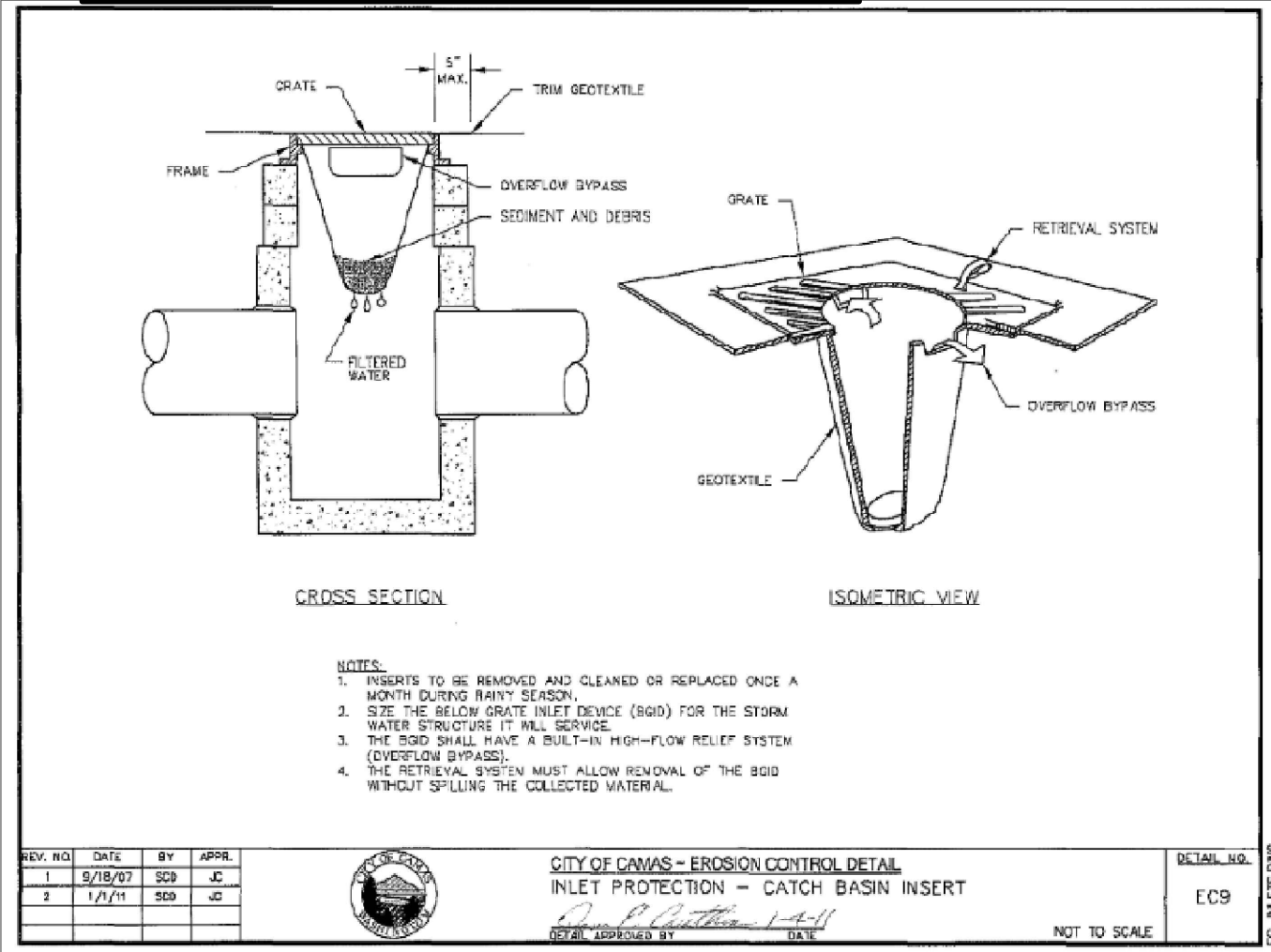
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 DRAWN BY: JRW  
 CHECKED BY: JRW  
 SCALE: N/A

JOB NUMBER 22-400 SHEET 8 of 9



Source: King County  
**Figure 3.1.8 - Perforated Stub-Out Connection**



- NOTES:
1. INSERTS TO BE REMOVED AND CLEANED OR REPLACED ONCE A MONTH DURING RAINY SEASON.
  2. SIZE THE BELOW GRATE INLET DEVICE (BGID) FOR THE STORM WATER STRUCTURE IT WILL SERVICE.
  3. THE BGID SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).
  4. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE BGID WITHOUT SPILLING THE COLLECTED MATERIAL.

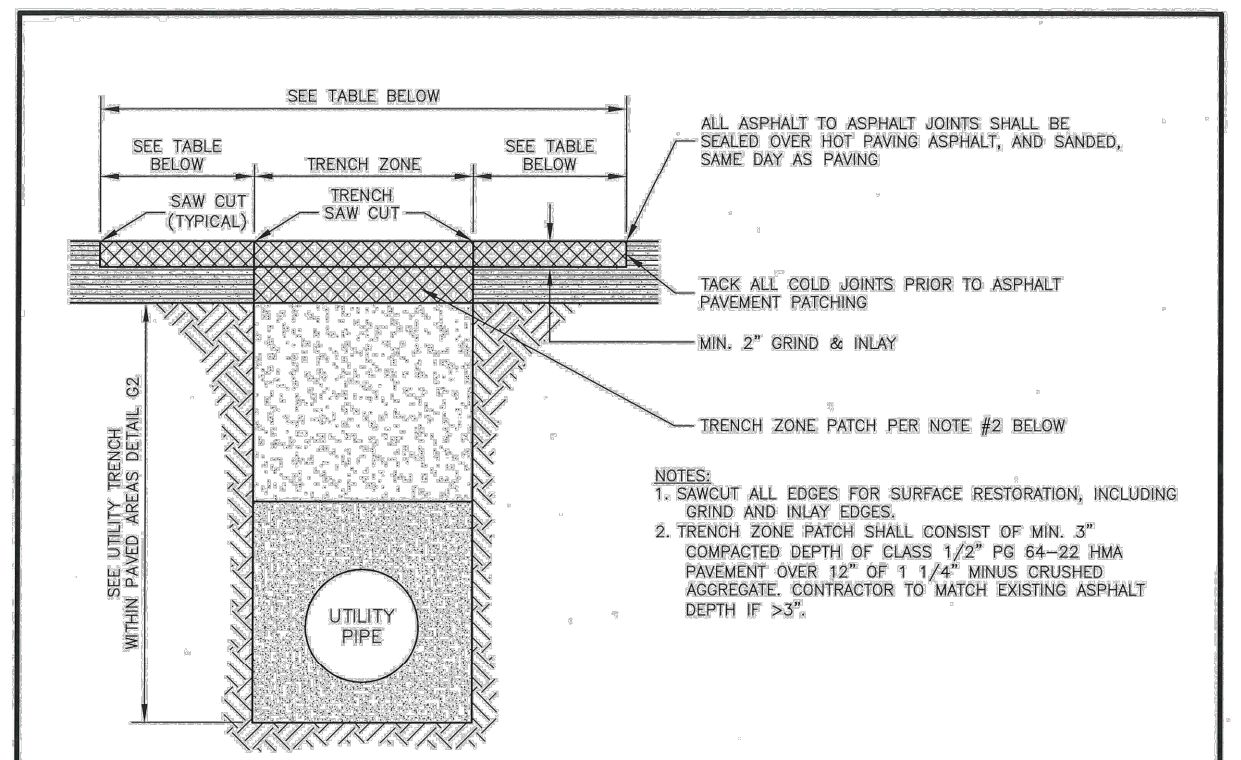
REV. NO.	DATE	BY	APPR.
1	9/18/07	SCB	JC
2	1/1/11	SCB	JC



CITY OF CAMAS - EROSION CONTROL DETAIL  
 INLET PROTECTION - CATCH BASIN INSERT  
 DETAIL APPROVED BY: [Signature] DATE: [Blank]

DETAIL NO. EC9

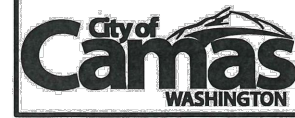
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- NOTES:
1. SAWCUT ALL EDGES FOR SURFACE RESTORATION, INCLUDING GRIND AND INLAY EDGES.
  2. TRENCH ZONE PATCH SHALL CONSIST OF MIN. 3" COMPACTED DEPTH OF CLASS 1 1/2" PG 64-22 HMA PAVEMENT OVER 12" OF 1 1/4" MINUS CRUSHED AGGREGATE. CONTRACTOR TO MATCH EXISTING ASPHALT DEPTH IF >3".

STREET CLASSIFICATION	TRANSVERSE TRENCH REQUIREMENTS	LONGITUDINAL TRENCH REQUIREMENTS
LOCAL INCLUDING CUL-DE-SACS & DEAD ENDS (A)	3" MINIMUM EACH SIDE OF TRENCH; 10 FT MINIMUM TOTAL (B)(C)	FULL LANE WIDTH GRIND & INLAY (B)
LOCAL THROUGH STREETS (A)	12 FT GRIND & INLAY EACH SIDE OF TRENCH (C)	FULL LANE WIDTH GRIND & INLAY
COLLECTOR	12 FT GRIND & INLAY EACH SIDE OF TRENCH	FULL LANE WIDTH GRIND & INLAY
ARTERIAL	12 FT GRIND & INLAY EACH SIDE OF TRENCH	FULL LANE WIDTH GRIND & INLAY

(NOTES)  
 A. MINIMUM REQUIREMENTS FOR PUBLIC AND PRIVATE STREETS  
 B. OPTIONAL FULL DEPTH PATCH, OR GRIND AND INLAY  
 C. SURFACE RESTORATION LESS THAN MIN. SHOWN REQUIRES PRIOR APPROVAL



GENERAL DETAIL  
 UTILITY TRENCH SURFACE RESTORATION

DETAIL APPROVED BY: [Signature] DATE: 4/18/2019

NOT TO SCALE DETAIL NO.

G2A

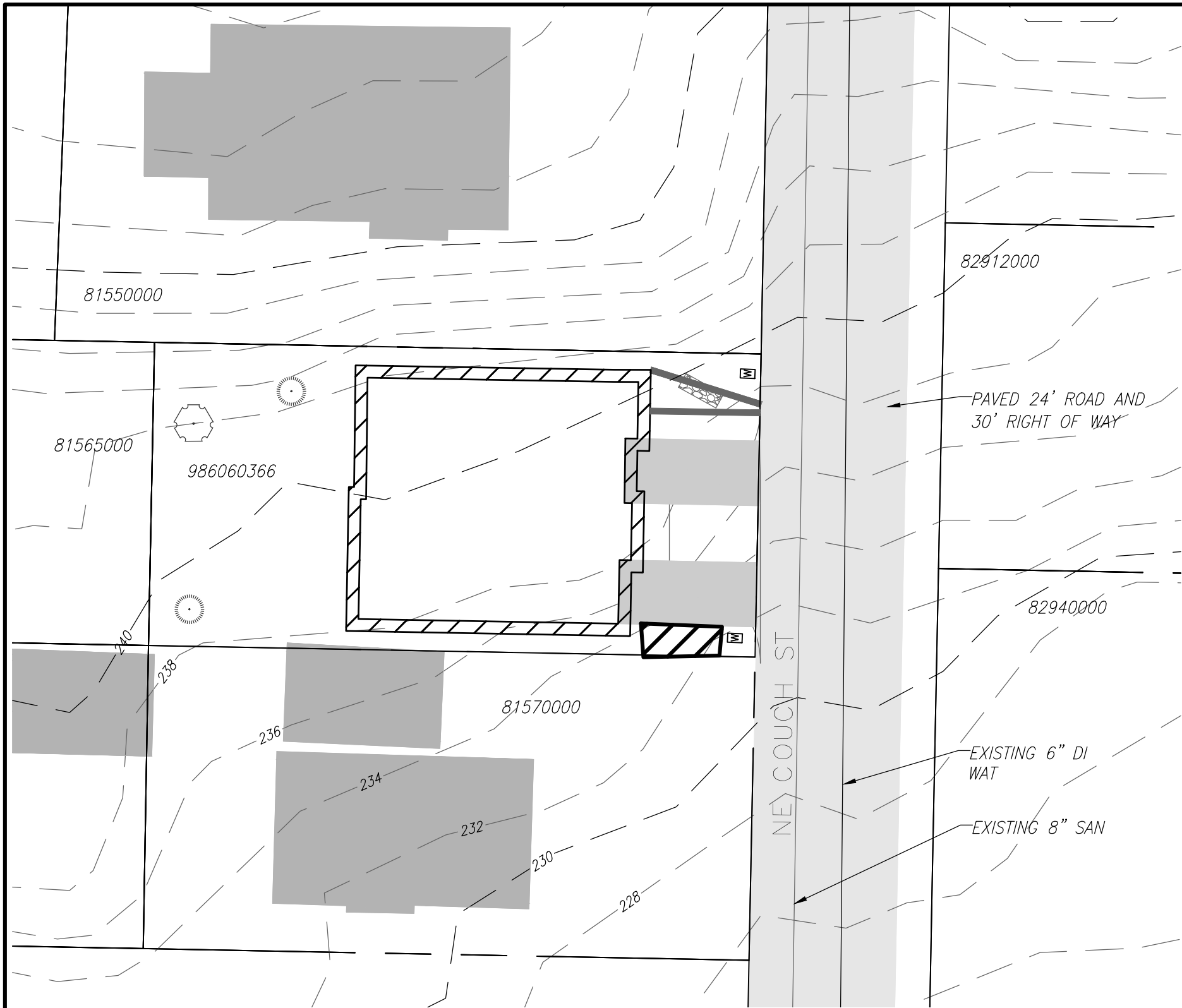
REVISION: 1 DATE: 4/18/2019

GEN-TRENCH.DWG

DATE PLOTTED: Feb. 24, 2023 - 6:48 PM



DATE PLOTTED: Feb. 24, 2023 - 6:48 PM



**LEGEND**

- PROPOSED BUILDING
- DISTURBED AREA
- 100 EXISTING MAJOR CONTOURS

**TRUE NORTH**  
 GEOTECHNICAL  
 PHONE (503) 802-2464

JASON R. WEEKS  
 STATE OF WASHINGTON  
 REGISTERED PROFESSIONAL ENGINEER  
 54967  
 2/24/23

PLANTING AND LANDSCAPING PLAN SHEET  
 WASHINGTON  
**COUCH  
 DUPLEX**  
 CAMAS

**REVISIONS**


DESIGNED BY: JRW  
 DRAWN BY: JRW  
 CHECKED BY: JRW  
 SCALE: N/A

JOB NUMBER SHEET  
 9 of 9

PLANTING PLAN

- PYRUS CALLERYANA CAPITAL (CAPITAL PEAR) or approved equal. 2" CAL AS SHOWN 1
- THULA OCCIDENTALIS L. ARBORVITAE or approved equal. 6' TALL 3' O.C. 2

