

SURVEYOR

ABBEY ROAD GROUP
CONTACT: LARRY WALKER
PO BOX 1224
PUYALLUP, WA 98371
OFFICE: 253-435-3699

CIVIL ENGINEER

AHBL INC.
2215 NORTH 30TH STREET, SUITE 300
TACOMA, WA 98403
PHONE: (253) 383-2422
CONTACT: TODD SAWIN
EMAIL: TSAWIN@AHBL.COM

ARCHITECT

SYNTHESIS 9, LLC
CONTACT: BRETT LINDSAY
523 N. D. ST
TACOMA, WA 98403
OFFICE: 253-468-4117

SITE INFORMATION

PARCEL: 0420264021, 0420264054, 0420264053,
0420351066, 0420351030, 0420351029, 0420351026
ADDRESS: 2902 E PIONEER
PUYALLUP, WA 98372
ZONING: CG AND RM-20

SURVEYOR'S NOTES

1. **HORIZONTAL DATUM:** BASIS OF BEARING AND SURVEY DATA PER WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.

2. **BASIS OF BEARING:** HELD S 01° 21' 28" W OBSERVED ALONG THE EAST LINE OF THE NORTHEAST QUARTER OF SEC. 35, T. 20 N. R. 4 E. BETWEEN THE NORTHEAST CORNER OF THE NORTHEAST QUARTER MONUMENT AND THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER MONUMENT OF THE SAID SECTION AS SHOWN HEREON.

3. **VERTICAL DATUM:** NAVD88
AS DEFINED BY THE NATIONAL GEODETIC SURVEY (NGS)
PROJECT BENCHMARK
DESIGNATION: 21 010
PID: DL2774

PUBLISHED ELEVATION: 75.70 FEET (NAVD 88)
DESCRIPTION: ENCASED STEEL ROD LOCATED IN EASTERLY GRAVEL SHOULDER AT THE INTERSECTION OF PIONEER WAY AND 134TH AVE. E.

4. ALL UTILITY LOCATES HAVE BEEN DETERMINED BY SURFACE LOCATION ONLY EITHER BY PHYSICAL STRUCTURES OR PAINT MARKINGS
AS DETERMINED BY UNDERGROUND + UTILITY LOCATE, INC. AND/OR UTILITY COMPANY. GAS PIPE LOCATION WITHIN THE PROPERTY
DETERMINED BY MAP PROVIDE BY PUGET SOUND ENERGY, INC. ACTUAL UNDERGROUND LOCATION MAY VARY. EXISTING UTILITIES AS SHOWN MAY NOT BE THE SAME AFTER THIS DATE AS MAJOR CONSTRUCTION IS IN PROGRESS.

5. REFERENCE SURVEYS:
1. 200303315001
2. SP 9303315001
3. ROS 8210040207

6. METHOD OF SURVEYING WAS:
1. CONVENTIONAL TRAVERSE USING A TOPCON 800A TOTAL STATION.
2. MONUMENTS FOUND MARCH 2008

TOPOGRAPHIC NOTE

THE EXISTING CULTURAL AND TOPOGRAPHICAL DATA SHOWN ON THESE DRAWINGS HAS BEEN PREPARED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, AHBL ENGINEERING CANNOT ENSURE ACCURACY AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THAT INFORMATION OR FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.

FILL SPECIFICATIONS

FILL MATERIAL SHALL NOT CONTAIN PETROLEUM PRODUCTS, OR SUBSTANCES WHICH ARE HAZARDOUS, DANGEROUS, TOXIC, OR WHICH OTHERWISE VIOLATE ANY STATE, FEDERAL OR LOCAL LAW, ORDINANCE, CODE, REGULATION, RULE, ORDER, OR STANDARD.

VERIFICATION NOTE

ALL EXISTING UTILITIES IN THE CONSTRUCTION AREA SHALL BE IDENTIFIED AND VERIFIED FOR DEPTH AND LOCATION PRIOR TO ANY CONSTRUCTION ACTIVITIES SO TO IDENTIFY ANY POTENTIAL CONFLICTS WITH PROPOSED CONSTRUCTION. CONTACT PROJECT ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE IDENTIFIED.

PRIOR TO ANY CONSTRUCTION ACTIVITIES, VERIFY EXISTING TOPOGRAPHY IS CONSISTENT WITH WHAT IS SHOWN ON PLANS AND IF THERE ARE ANY POTENTIAL CONFLICTS WITH PROPOSED CONSTRUCTION ACTIVITIES, CONTACT PROJECT ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE IDENTIFIED.

TRENCH NOTES

IF WORKERS ENTER ANY TRENCH OR OTHER EXCAVATION FOUR OR MORE FEET IN DEPTH THAT DOES NOT MEET THE OPEN PIT REQUIREMENTS OF WSDOT SECTION 2-09.3018, IT SHALL BE SHORED AND CRIBBED. THE CONTRACTOR IS ALONE RESPONSIBLE FOR WORKER SAFETY. ALL TRENCH SAFETY SYSTEMS SHALL MEET THE REQUIREMENTS OF THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT, CHAPTER 49.17 RCW.

CONSTRUCTION SEQUENCE

1. OBTAIN REQUIRED PERMITS AND HOLD A PRE-CONSTRUCTION MEETING WITH THE CITY
2. FLAG CLEARING LIMITS
3. INSTALL OR REPLACE SILT FENCE
4. INSTALL CONSTRUCTION ENTRANCE
5. SCHEDULE EROSION CONTROL INSPECTION W/ CITY
6. GRADE SITE
7. MAINTAIN EROSION CONTROL, MEASURE AND RELOCATE SURFACEWATER CONTROLS AS NEEDED IN ACCORDANCE WITH CITY OF PUYALLUP REQUIREMENTS AND NPDES CONSTRUCTION STORMWATER GENERAL PERMIT
8. COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN FIVE DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON
9. STABILIZE ALL AREAS WITHIN SEVEN DAYS OF REACHING FINAL GRADE
10. INSTALL TRANKS
11. STABILIZE ALL DISTURBED AREAS AND REMOVE BMPs AND EROSION CONTROL MEASURES AS APPROPRIATE
12. ARRANGE FINAL INSPECTION WITH THE CITY

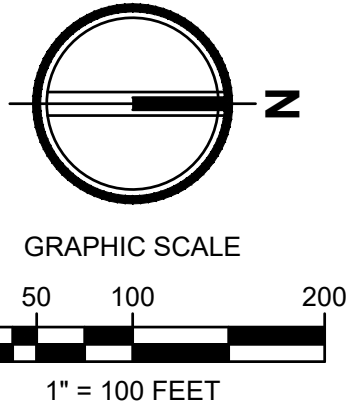
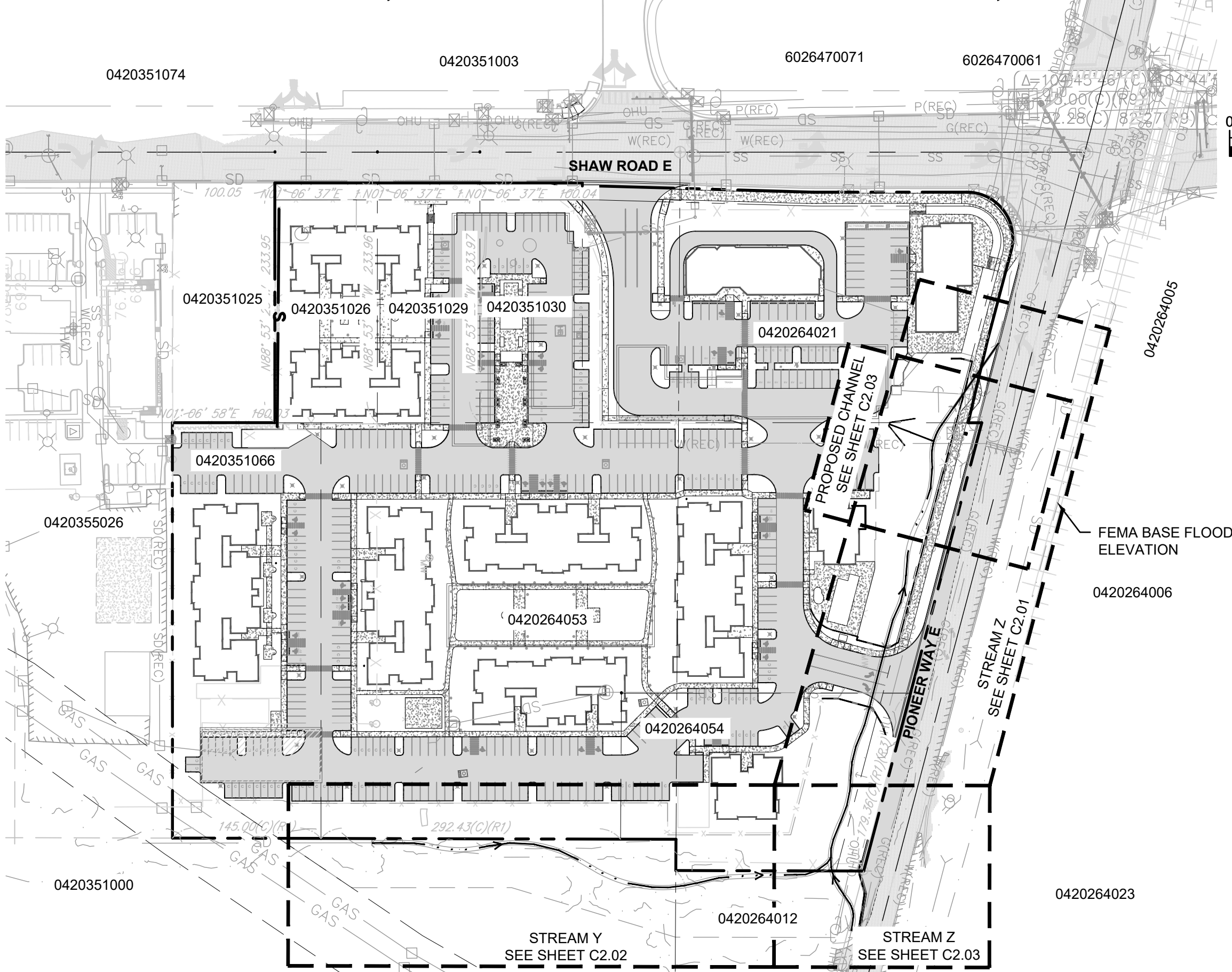
TOTAL SITE CUT AND FILL ESTIMATES

CUT: 2,500 CY
FILL: 45,600 CY
NET IMPORT: 43,100 CY

CONDITIONS:

1. PRIOR TO PERMIT ISSUANCE, RIGHT-OF-WAY DEDICATION ALONG SHAW ROAD SHALL BE APPROVED AND RECORDED. RIGHT-OF-WAY ALONG EAST PIONEER SHALL BE APPROVED AND RECORDED PRIOR TO ISSUANCE OF PHASE 2 CIVIL PERMIT
2. PRIOR TO PERMIT ISSUANCE, THE APPLICANT SHALL CLARIFY WHETHER IT IS THE PROJECT'S INTENT TO DEDICATE RIGHT-OF-WAY OR GRANT AN EASEMENT FOR MAINTENANCE AND OPERATION OF THE SHAW ROAD TRAFFIC SIGNAL AND EQUIPMENT.
3. ALL PRIVATE STORM DRAINAGE FACILITIES SHALL BE COVERED BY A MAINTENANCE AGREEMENT PROVIDED BY THE CITY AND RECORDED WITH PIERCE COUNTY. UNDER THIS AGREEMENT, IF THE OWNER FAILS TO PROPERLY MAINTAIN THE FACILITIES, THE CITY, AFTER GIVING THE OWNER NOTICE, MAY PERFORM NECESSARY MAINTENANCE AT THE OWNER'S EXPENSE. PRIOR TO OCCUPANCY THE AGREEMENT SHALL BE APPROVED AND RECORDED.
4. PRIOR TO OCCUPANCY, A STREET MAINTENANCE COVENANT WILL BE REQUIRED TO ENSURE THAT PAVEMENT MARKINGS LOCATED ON PRIVATE PROPERTY AT THE DRIVE ENTRANCES WILL BE MAINTAINED.
5. AS MENTIONED DURING THE LAND USE APPLICATION (P-10-2024), THE EXISTING STORMWATER FACILITY SERVING THE OFFSITE PROPERTIES SOUTH OF THE PROJECT IS CURRENTLY IN VIOLATION OF NPDES REGULATIONS AND THE PUYALLUP MUNICIPAL CODE DUE TO LACK OF MAINTENANCE, BREACHING OF THE POND BERM, AND PASS-THROUGH OF A REGULATED STREAM THROUGH THE CONTROL STRUCTURE. HOWEVER, THE CITY IS WILLING TO ALLOW THE POND REMEDIATION TO OCCUR DURING PHASE 2, PROVIDED THE REMEDIATION IS ACCOMPLISH PRIOR TO ANY OCCUPANCY OF PHASE 1 STRUCTURES.

EAST TOWN CROSSING STREAM RELOCATION SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.



FLOOD PLAIN NOTE

THE FLOOD PLAIN INFORMATION SHOWN IN THE PLAN SET IS BASED ON THE REVISED PANEL 342 OF 1375 OF MAP 53053C0342E THAT WAS PART OF THE 09/08/2022 LOMB. THE FLOOD ZONES AND BEFS SHOWN IN THE PLAN SET ARE DRAWN FROM A COMBINATION OF THE PDF MAP PANEL AND GIS DATA. THE INFORMATION SHOWN IN THE REVISED PANEL IS BASED ON AN ASSUMED RELOCATED STREAM LOCATION. ACTUAL FLOOD ZONE AND BEFS WILL BE BASED FINAL LOCATION AND ELEVATION OF RELOCATED STREAM.

Sheet List Table

Sheet Number	Sheet Title
C0.00	COVER SHEET
C1.00	TESC AND DEMOLITION PLAN
C1.01	TESC AND DEMOLITION NOTES AND DETAILS
C2.01	STREAM PLAN AND PROFILE
C2.02	STREAM PLAN AND PROFILE
C2.03	STREAM PLAN AND PROFILE

Provide DRAFT ROW dedication deed along Pioneer Way frontage, including sketch, on City Form. 34ft road width from centerline, 10ft planter, and 8ft sidewalk. Once approved, record with the Pierce County Auditor. [PH2 CFG Plans; Sh# C0.00]

Provide approved HPA permit and WDFW design conditions. [PH2 CFG Plans; Sh# C0.00]

At this time, the dedication is being written. However, we would prefer to submit this with the frontage plans after receiving frontage plan comments. We can provide this at a later time if necessary under this submittal.

Will provide final HPA prior to final issuance of document.

LEGAL DESCRIPTION

TAX PARCEL NO. 0420264021; PER CW TITLE TITLE RESOURCES
GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249900-TS8
DATED JANUARY 22, 2021 AT 8:00 A.M.

BEGINNING AT THE INTERSECTION OF THE SOUTH LINE OF SECTION 26, TOWNSHIP 20 NORTH, RANGE 4 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, WITH THE EAST 1/16TH LINE OF SAID SECTION;
THENCE SOUTH ALONG THE 1/16TH LINE OF SECTION 35, TOWNSHIP 20 NORTH, RANGE 4 EAST, W.M., A DISTANCE OF 95.4 FEET;
THENCE EAST 258.26 FEET;
THENCE NORTH TO THE SOUTHERLY LINE OF THE COUNTY ROAD;
THENCE NORTHWESTERLY ALONG SAID SOUTHERLY LINE OF COUNTY ROAD TO THE EAST 1/16TH LINE OF SECTION 26;
THENCE SOUTH ALONG SAID 1/16TH LINE TO THE POINT OF BEGINNING;

EXCEPT THE WEST 30 FEET THEREOF CONVEYED TO PIERCE COUNTY BY DEED RECORDED UNDER RECORDING NO. 1618885 FOR SHAW COUNTY ROAD;

ALSO EXCEPT THEREFROM THAT PORTION CONVEYED TO THE CITY PUYALLUP BY INSTRUMENT RECORDED UNDER AUDITOR'S FILE NO. 9408230215, BEING A RE-RECORD OF INSTRUMENT RECORDED UNDER AUDITOR'S FILE NO. 9308310480;

AND ALSO EXCEPT ANY PORTION THEREOF LYING SOUTHERLY AND WESTERLY OF A LINE DESCRIBED AS BEGINNING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35, HEREINAFTER CALLED "POINT A";
THENCE SOUTH ALONG THE 1/16TH LINE 95.4 FEET TO THE TRUE POINT OF BEGINNING OF THE LINE TO BE DESCRIBED;
THENCE EAST 258.35 FEET;
THENCE SOUTH TO A POINT 495.4 FEET SOUTH OF AND 258.35 FEET EAST OF "POINT A";
THENCE EAST TO THE EAST LINE OF SAID PREMISES AND THE TERMINUS OF SAID LINE, SAID POINT ALSO BEING DESCRIBED AS THE SOUTHWEST CORNER OF LOT 3 OF BOUNDARY LINE ADJUSTMENT RECORDED UNDER AUDITOR'S FILE NO. 200303315001;

SITUATE IN THE CITY PUYALLUP, COUNTY OF PIERCE STATE OF WASHINGTON.

TAX PARCEL NO. 0420264053; PER CW TITLE TITLE RESOURCES
GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249901-TS5
DATED JANUARY 22, 2021 AT 8:00 A.M.

THAT PORTION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35, TOWNSHIP 20 NORTH, RANGE 4 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35 WHICH POINT BEARS NORTH 88°32'51" WEST, 142.38 FEET TO THE NORTHERLY EXTENSION OF THE EAST LINE OF SAID LOT 2;
THENCE ALONG SAID PARALLEL LINE, SOUTH 01°06'30" WEST, 282.06 FEET TO A LINE 54.00 FEET SOUTH OF AND PARALLEL WITH THE NORTH LINE OF SECTION 35;
THENCE ALONG SAID PARALLEL LINE, SOUTH 88°32'51" EAST, 142.38 FEET TO THE TRUE POINT OF BEGINNING;

EXCEPT THE SOUTH 145.00 FEET THEREOF;
(ALSO KNOWN AS LOT 3 OF RECORD OF SURVEY FOR BOUNDARY LINE ADJUSTMENT RECORDED MARCH 31, 2003 UNDER RECORDING NO. 200303315001).

SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.

TAX PARCEL NO. 0420264054; PER CW TITLE TITLE RESOURCES
GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249902-TS8
DATED JANUARY 22, 2021 AT 8:00 A.M.

THAT PORTION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35, AND THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 26, TOWNSHIP 20 NORTH, RANGE 4 EAST, W.M., IN PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 35 WHICH POINT BEARS NORTH 88°32'51" WEST, 640.11 FEET FROM A BRASS IN CONCRETE MONUMENT MARKING THE NORTHEAST CORNER OF SAID SECTION 35;
THENCE ALONG THE EAST LINE OF SAID WEST HALF, SOUTH 01°15'04" WEST, 54.00 FEET;
THENCE ALONG A LINE PARALLEL WITH THE NORTH LINE OF SAID SECTION 35, NORTH 88°32'51" WEST, 142.38 FEET;
THENCE NORTH 01°06'30" EAST, 282.06 FEET TO THE SOUTHERLY MARGIN OF PIONEER WAY;
THENCE ALONG SAID SOUTHERLY MARGIN, SOUTH 74°08'09" EAST, 179.36 FEET TO A LINE LYING 30.48 FEET EAST OF AND PARALLEL WITH THE EAST LINE OF THE WEST HALF OF THE NORTH EAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35;
THENCE ALONG SAID PARALLEL LINE, SOUTH 01°15'04" WEST, 183.43 FEET TO THE NORTH LINE OF SAID SECTION 35;
THENCE ALONG SAID NORTH LINE, NORTH 88°32'51" WEST, 30.48 FEET TO THE POINT OF BEGINNING;

(ALSO KNOWN AS LOT 5 OF RECORD OF SURVEY FOR BOUNDARY LINE ADJUSTMENT RECORDED MARCH 31, 2003 UNDER RECORDING NO. 200303315001).

SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.

TAX PARCEL NO. 0420351066; PER CW TITLE TITLE RESOURCES
GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249903-TS8
DATED JANUARY 22, 2021 AT 8:00 A.M.

COMMENCING AT THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35 WHICH POINT BEARS NORTH 88°32'51" WEST, 640.11 FEET FROM A BRASS IN CONCRETE MONUMENT MARKING THE NORTHEAST CORNER OF SAID SECTION 35;
THENCE ALONG THE EAST LINE OF SAID WEST HALF, SOUTH 01°15'04" WEST, 491.43 FEET TO A POINT LYING SOUTH 88°53'30" EAST, 405.26 FEET TO THE EASTERLY EXTENSION OF THE NORTH LINE OF LOT 2 OF THE PIERCE COUNTY SHORT PLAT NO. 9303010321 AND THE TRUE POINT OF BEGINNING;
THENCE ALONG SAID NORTH LINE, NORTH 88°53'30" WEST, 405.26 TO THE NORTHEAST CORNER OF SAID LOT 2;
THENCE ALONG THE NORTHERLY EXTENSION OF THE EAST LINE OF SAID LOT 2, NORTH 01°06'30" EAST, 145.00 FEET;
THENCE SOUTH 88°53'30" EAST 405.62 FEET TO THE EAST LINE OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 35;
THENCE ALONG SAID EAST LINE SOUTH 01°15'04" WEST, 145.00 FEET TO THE TRUE POINT OF BEGINNING

(ALSO KNOWN AS LOT 3 OF RECORD OF SURVEY FOR BOUNDARY LINE ADJUSTMENT RECORDED MARCH 31, 2003 UNDER RECORDING NO. 200303315001).

SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.

TAX PARCEL NO. 0420351030; PER CW TITLE TITLE RESOURCES
GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249904-TS8
DATED JANUARY 22, 2021 AT 8:00 A.M.

BEGINNING AT THE SIXTEENTH SECTION CORNER OF SECTION 35, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, 1321.48 FEET WEST OF THE CORNER COMMON TO SECTIONS 25, 26, 35 AND 36;
THENCE SOUTH ALONG THE SIXTEENTH SECTION 95.4 FEET TO THE TRUE POINT OF BEGINNING;
THENCE EAST 258.26 FEET;
THENCE SOUTH 100 FEET;
THENCE WEST 258.36 FEET;
THENCE NORTH 100 FEET TO THE TRUE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON.

EXCEPT SHAW COUNTY ROAD.

SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.

TAX PARCEL NO. 0420351029; PER CW TITLE TITLE RESOURCES
GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-1-E
DATED JANUARY 22, 2021 AT 8:00 A.M.

BEGINNING AT THE 1/16 SECTION CORNER, 1321.48 FEET WEST OF CORNER MONUMENT COMMON TO SECTIONS 25, 26, 35 AND 36 IN TOWNSHIP 20 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON;
THENCE SOUTH ALONG THE 1/16 SECTION LINE 195.4 FEET TO THE TRUE POINT OF BEGINNING;

THENCE EAST 258.26 FEET;
THENCE SOUTH 100 FEET;
THENCE WEST 258.36 FEET;
THENCE NORTH 100 FEET TO TRUE POINT OF BEGINNING.

EXCEPT THE WEST 30 FEET THEREOF FOR ROAD.

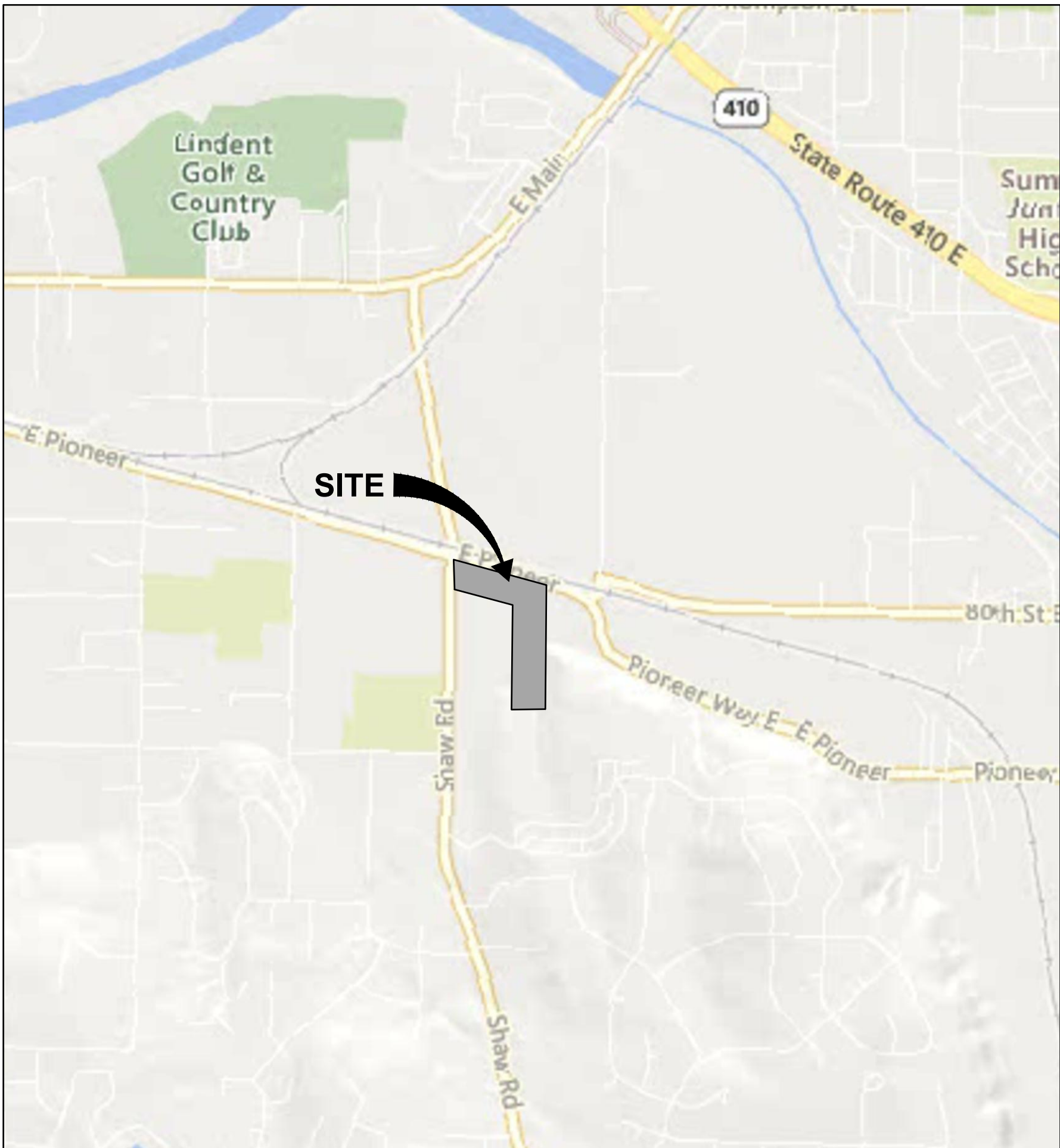
SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON.

TAX PARCEL NO. 0420351026; PER CW TITLE TITLE RESOURCES
GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249906-TS8
DATED JANUARY 22, 2021 AT 8:00 A.M.

BEGINNING AT THE 1/16 CORNER 1321.48 FEET WEST OF THE CORNER MONUMENT COMMON TO SECTIONS 25, 26, 35 AND 36 IN TOWNSHIP 20 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON;
THENCE SOUTH ALONG THE 1/16 SECTION LINE 294.5 FEET TO THE TRUE POINT OF BEGINNING;
THENCE EAST 258.35 FEET;
THENCE SOUTH 100 FEET;
THENCE WEST 258.35 FEET;
THENCE NORTH 100 FEET TO THE TRUE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON.

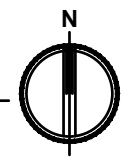
EXCEPT SHAW COUNTY ROAD.

SITUATE IN THE CITY OF PUYALLUP, COUNTY OF PIERCE, STATE OF WASHINGTON.



VICINITY MAP

1" = 1000'
2902 E PIONEER WAY

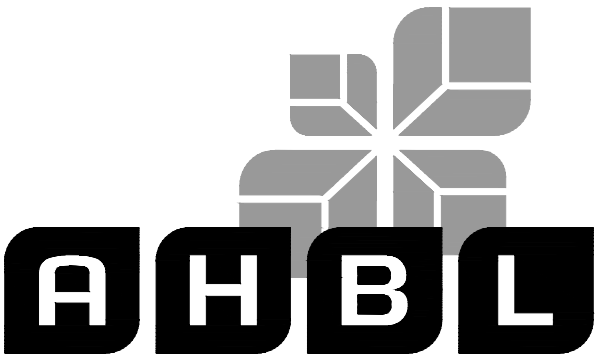


APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE:

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.



TACOMA • SEATTLE • SPOKANE • TRI-CITIES

2215 North 30th Street, Suite 300, Tacoma, WA 98403
253.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB

Project Title:

EAST TOWN CROSSING STREAM RELOCATION

Client:

ASH DEVELOPMENT

GREG HELLE

GREG.HELLE@ASHNW.COM

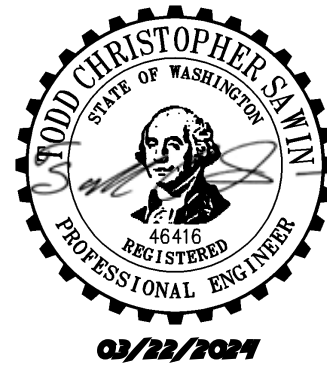
Project No.

2230752

Issue Set & Date:

PERMIT SUBMITTAL

03/22/2024



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A

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A

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Revisions:

Sheet Title:

COVER SHEET

Designed by: CW Drawn by: RS Checked by: JI

Sheet No.

C0.00

1 of 6 Sheets



Know what's below.
Call before you dig.

EAST TOWN CROSSING STREAM RELOCATION

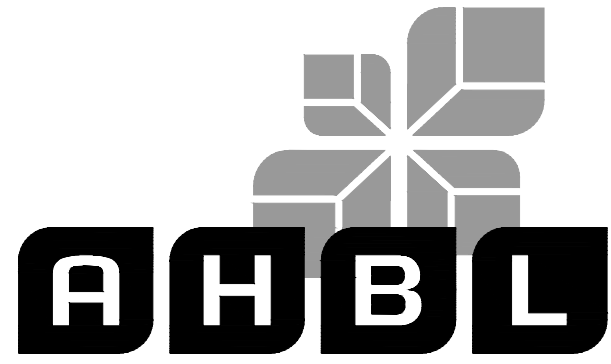
SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

APPROVED

BY
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE

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MANAGER.



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Project Title:

**EAST TOWN
CROSSING
STREAM
RELOCATION**

Client:

ASH DEVELOPMENT

GREG HELLE

GREG.HELLE@ASHNW.COM

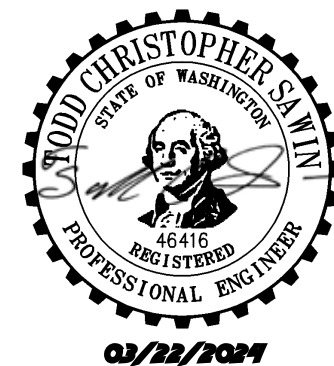
Project No.

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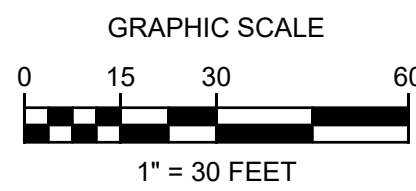
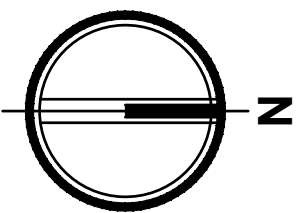
Issue Set & Date:

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03/22/2024



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IN ADDITION TO THAT PROJECT OR FOR ANY OTHER PROJECT.



LEGEND

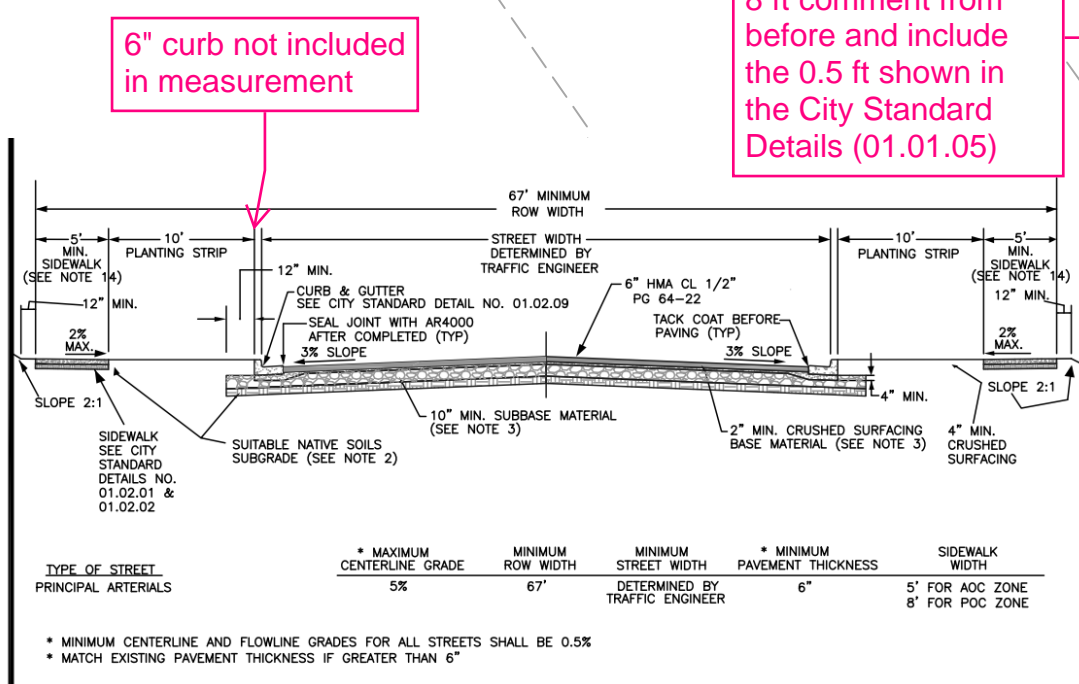
- RIGHT-OF-WAY / PROPERTY LINE
- CLEARING / PROJECT LIMITS
- CONSTRUCTION ENTRANCE
- SILT FENCE/FILTER FABRIC FENCE
- INLET PROTECTION
- OUTLET PROTECTION

KEYNOTES

- PROTECT EXISTING UTILITY.
- RELOCATE EXISTING UTILITY. REFER TO STREAM PLAN AND PROFILE SHEETS.
- UTILITY TO BE RELOCATED BY OTHERS. REFER TO STREAM PLAN AND PROFILE SHEETS.
- SWEEP STREET AS NECESSARY TO REMOVE DIRT LEAVING CONSTRUCTION SITE.

NOTES

- ALL TREES WITHIN THE PROJECT LIMITS SHALL BE REMOVED.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY AND REASONABLE MEANS TO SECURE THE PROJECT SITE FROM PUBLIC ACCESS.



Watermain to be "removed"...ref.
PH1 civil plans.
[PH2 CFG Plans, Sht C1.00]

Replaced
"LOWERED" with
"REMOVED"

Reworded for revised
layout per 4/2/2024
email

CF&G C1.00: Revise water
layout per M. Higginson's
email 4-2-2024.

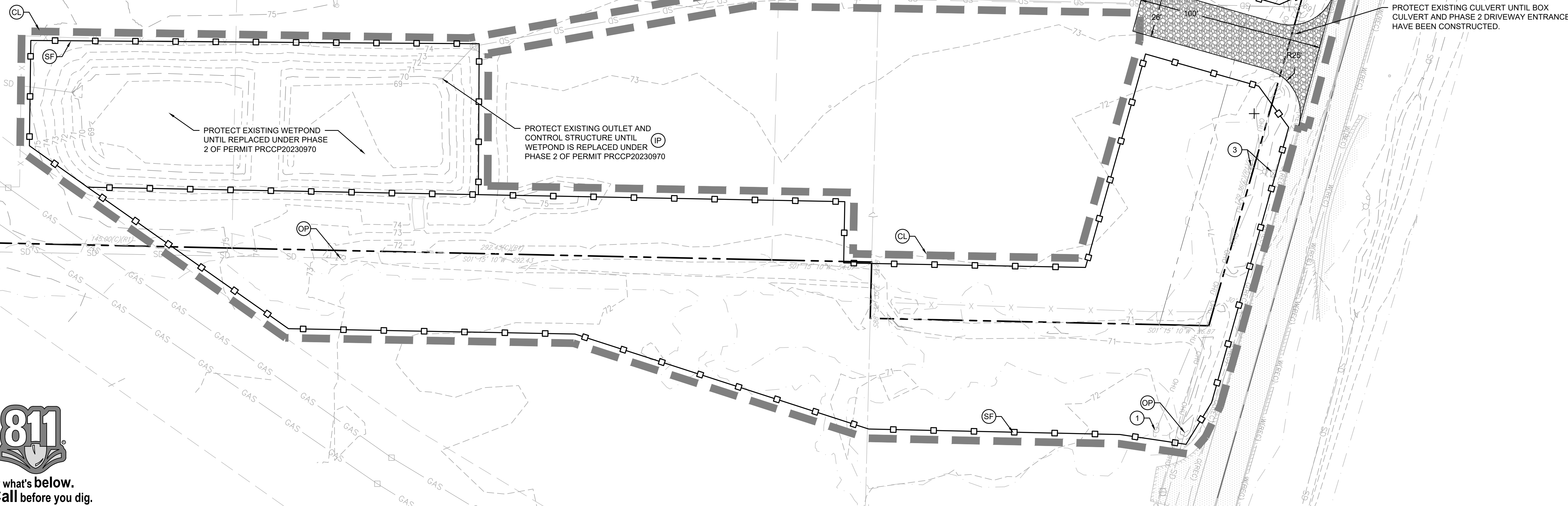
Identify "future" ROW. (Note: Proposed
(future) ROW alignment must be finalized. As
shown, appears to be approx. 3.5ft too wide.)
[PH2 CFG Plans, Sht C1.00]

Identify "existing" ROW.
[PH2 CFG Plans, Sht C1.00]

Called out existing
ROW and future
ROW

6" curb not included
in measurement

Shortened by 3.5 ft to
match the 34 ft, 10 ft,
8 ft comment from
before and include
the 0.5 ft shown in
the City Standard
Details (01.01.05)



Know what's below.
Call before you dig.

Revisions:

Sheet Title:

**TESC AND
DEMOLITION
PLAN**

Designed by: CW Drawn by: RS Checked by: JI

Sheet No.

C1.00

2 of 6 Sheets

TESC INSPECTION NOTES:

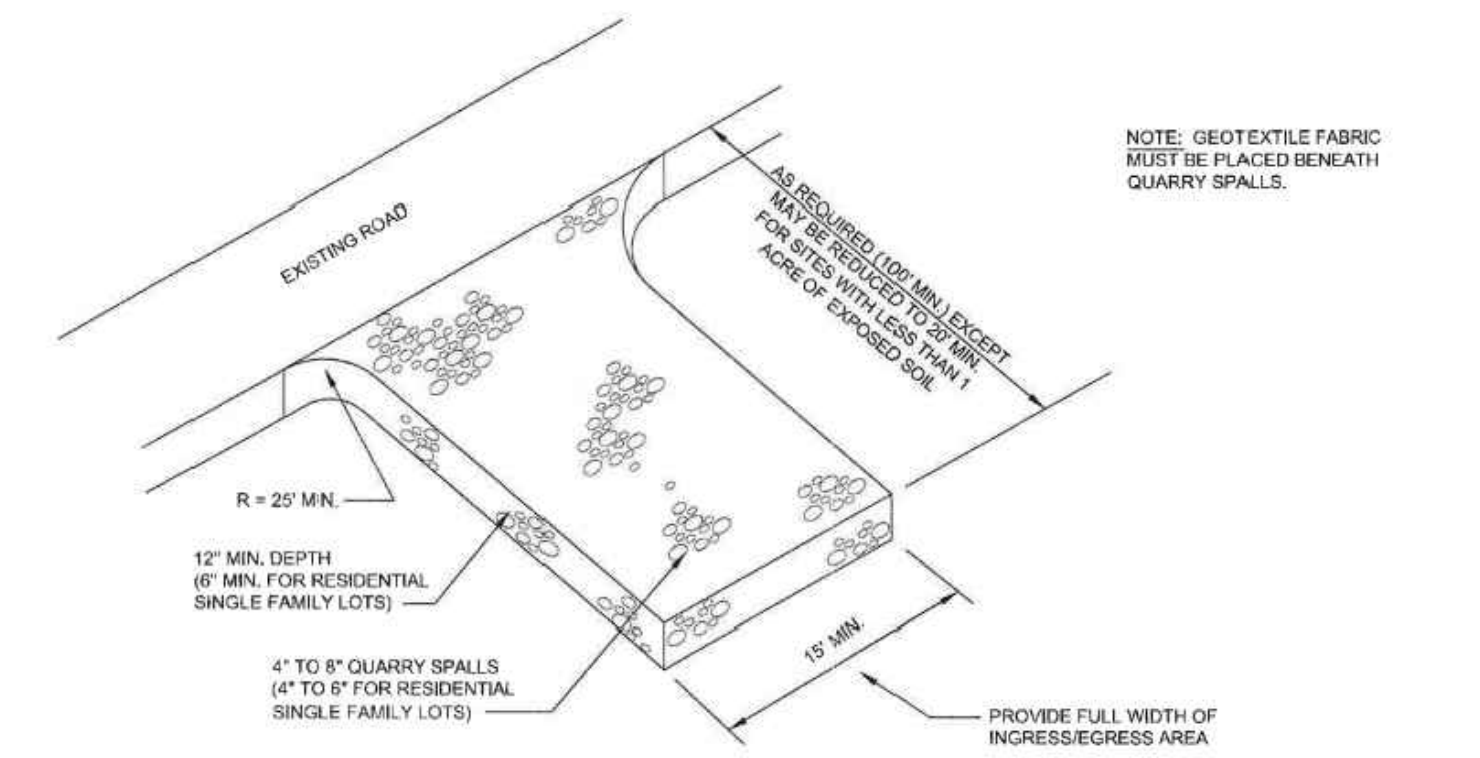
1. INSPECT ALL INLET PROTECTION ON CATCH BASINS. CLEAN OR REPLACE IF FULL OF SEDIMENT/DEBRIS AND REPAIR/REPLACE AS NEEDED IF DAMAGED TO MAINTAIN PROTECTION.
2. INSPECT ALL PERMANENT AND TEMPORARY STABILIZED SLOPES. REPAIR ANY DAMAGED SECTIONS AND RE-VEGETATE AS NEEDED TO ENSURE THE ESTABLISHMENT OF VEGETATION AND THAT NO EROSION OF THE SLOPES OCCUR.
3. INSPECT ALL FILTER FABRIC FENCING FOR SIGNS OF EROSION, DAMAGE OR FAILURES. REPAIR AND/OR REPLACE AS NEEDED. SEE FILTER FABRIC NOTES. SEDIMENT BUILDUP ALONG FENCE SHALL BE REMOVED WHEN REACHES 1/3 THE FENCE HEIGHT. IF EROSION IS OCCURRING, CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS NEEDED TO PREVENT EROSION.
4. ANY FILL/CUT SLOPES SHALL BE INSPECTED FOR EROSION. IF SIGNS OF EROSION ARE PRESENT, INSTALL APPROPRIATE BMPs AS NEEDED TO STOP EROSION AND STABILIZE SLOPES.
5. TESC LEAD RESPONSIBLE FOR NOTIFYING ENGINEER IF ADDITIONAL MEASURES ARE WARRANTED.

PERMANENT STABILIZATION NOTES:

1. ALL EXPOSED SOILS AND SLOPES SHALL BE SEEDED OR OTHERWISE STABILIZED IMMEDIATELY AFTER CONSTRUCTION AND GRADING ACTIVITIES HAVE BEEN COMPLETED.
2. SILT FENCE, IF DEEMED APPROPRIATE, SHALL REMAIN FOR A MINIMUM OF 30 DAYS AFTER THE FINAL STABILIZATION OF THE SLOPES HAS OCCURRED.
3. ALL TEMPORARY EROSION CONTROL BMPs SHALL BE REMOVED 30 DAYS AFTER FINAL STABILIZATION HAS OCCURRED AS DIRECTED BY CITY OR COUNTY INSPECTOR.
4. CONTRACTOR SHALL REFER TO THE CONSTRUCTION SWPPP FOR APPLICABLE BMPs.

CONSTRUCTION ENTRANCE NOTES:

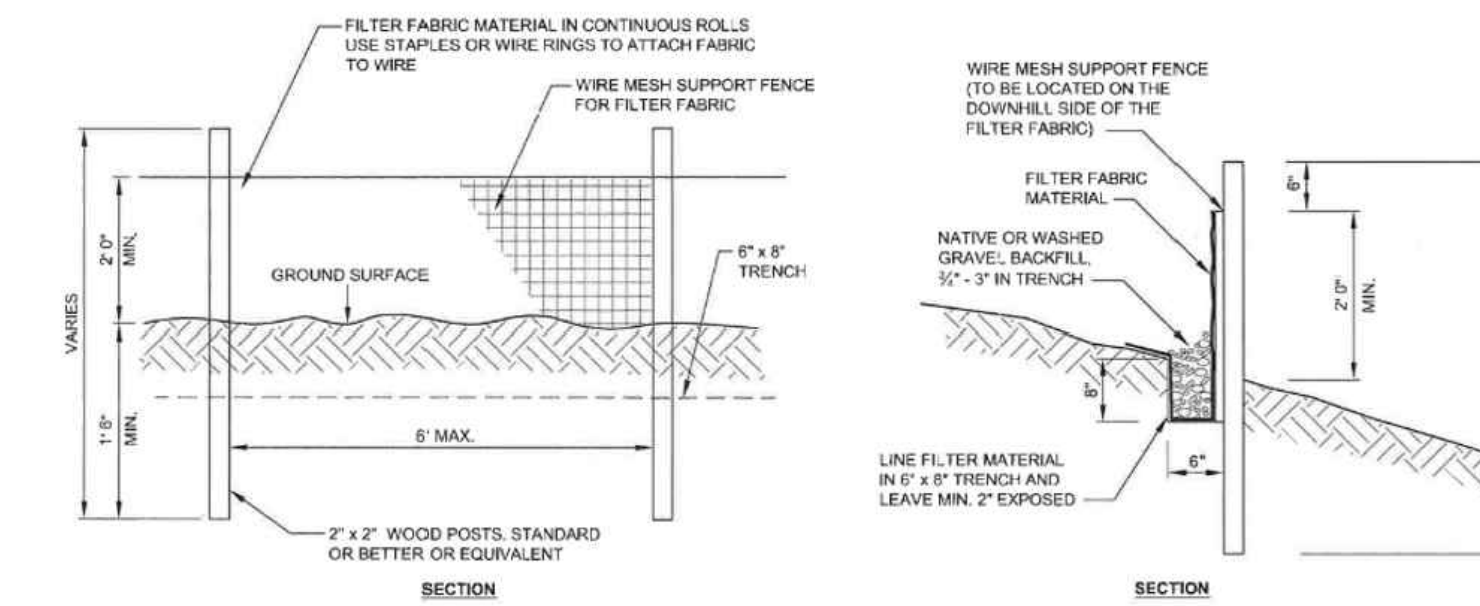
1. MATERIAL SHALL BE 4" TO 8" QUARRY SPALLS (4 TO 6 INCH FOR RESIDENTIAL SINGLE FAMILY LOTS) AND MAY BE TOP-DRESSED WITH 1 TO 3 INCH ROCK.
2. THE ROCK PAD SHALL BE AT LEAST 12" THICK AND 100' LONG (REDUCED TO 20 FEET FOR SITES LESS THAN 1 ACRE OF DISTURBED SOIL) WIDTH SHALL BE FULL WIDTH OF INGRESS AND EGRESS AREA. SMALLER PADS MAY BE APPROVED FOR SINGLE-FAMILY RESIDENTIAL AND COMMERCIAL SITES.
3. ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY TO MAINTAIN FUNCTION OF THE PAD.
4. IF THE PAD DOES NOT ADEQUATELY REMOVE MUD FROM THE VEHICLE WHEELS, THE WHEELS SHALL BE HOSED OFF BEFORE THE VEHICLE ENTERS A PAVED STREET. THE WASHING SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK AND WASH WATER SHALL DRAIN TO A SEDIMENT RETENTION FACILITY OR THROUGH A SILT FENCE.
5. CONSTRUCTION ACCESS IS FORBIDDEN ALONG SHAW ROAD FOR THE DURATION OF CONSTRUCTION.



1 CONSTRUCTION ENTRANCE

FILTER FABRIC FENCE NOTES:

1. SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY FASTENED AT BOTH ENDS TO POSTS.
2. POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 30 INCHES).
3. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 8 INCHES WIDE AND 12 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER. THIS TRENCH SHALL BE BACKFILLED WITH WASHED GRAVEL.
4. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG. THE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
5. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 20 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
6. WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING IS USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ABOVE NOTES APPLYING.
7. FILTER FABRIC FENCES SHALL NOT BE REMOVED BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
8. FILTER FABRIC FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
9. SILT FENCES WILL BE INSTALLED PARALLEL TO ANY SLOPE CONTOURS.
10. CONTRIBUTING LENGTH TO FENCE WILL NOT BE GREATER THAN 100 FEET.
11. DO NOT INSTALL BELOW AN OUTLET PIPE OR WEIR.
12. INSTALL DOWNSLOPE OF EXPOSED AREAS.
13. DO NOT DRIVE OVER OR FILL OVER SILT FENCES.



2 SILT FENCE/FILTER FABRIC FENCE



EAST TOWN CROSSING STREAM RELOCATION

SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

AMENDED SOILS NOTES:

- SOIL AMENDMENTS ARE REQUIRED FOR ALL DISTURBED AREAS IN ACCORDANCE WITH BMP L613: POST-CONSTRUCTION SOIL QUALITY AND DEPTH OF THE 2021 SURFACE WATER MANAGEMENT MANUAL.
- AMENDED SOILS SHALL BE A MINIMUM OF 8" (NON-COMPACTED) WITH SUBSOILS SCARIFIED AT LEAST 4" WITH INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE.
- QUALITY OF COMPOST AND OTHER MATERIALS USED TO MEET THE ORGANIC CONTENT REQUIREMENTS ARE AS FOLLOWS:
 - a. THE ORGANIC CONTENT FOR "PRE-APPROVED" AMENDMENT RATES CAN BE MET ONLY USING COMPOST THAT MEETS THE DEFINITION OF "COMPOSTED MATERIALS" IN WAC 173-350-220. THE WAC IS AVAILABLE ONLINE AT: [HTTP://WWW.ECY.WA.GOV/PROGRAMS/SWFA/FACILITIES/350.HTML](http://www.ecy.wa.gov/PROGRAMS/SWFA/FACILITIES/350.HTML). THE COMPOST MUST ALSO HAVE AN ORGANIC MATTER CONTENT OF 35% TO 65%, AND A CARBON TO NITROGEN RATIO BELOW 25:1. THE CARBON TO NITROGEN RATIO MAY BE AS HIGH AS 35:1 FOR PLANTINGS COMPOSED ENTIRELY OF PLANTS NATIVE TO THE PUGET SOUND LOWLANDS REGION.
 - b. CALCULATED AMENDMENT RATES MAY BE MET THROUGH USE OF COMPOSTED MATERIALS AS DEFINED ABOVE, OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATIO REQUIREMENTS, AND MEETING THE CONTAMINANT STANDARDS OF GRADE A COMPOST.
- USE ONE OF THE FOLLOWING OPTIONS TO MEET THE POST CONSTRUCTION SOIL QUALITY AND DEPTH REQUIREMENTS. USE THE MOST RECENT VERSION OF "GUIDELINES FOR RESOURCES FOR IMPLEMENTING SOIL QUALITY AND DEPTH BMP T5.13" TO MEET THE REQUIREMENTS OF THIS BMP. THIS GUIDANCE CAN BE FOUND ONLINE AT WWW.SOILSFORSALMON.ORG.
 - a. LEAVE NATIVE VEGETATION AND SOIL UNDISTURBED, AND PROTECT FROM COMPACTION DURING CONSTRUCTION.
 - b. AMEND EXISTING SITE TOPSOIL OR SUBSOIL EITHER AT DEFAULT "PRE-APPROVED" RATES, OR AT CUSTOM CALCULATED RATES BASED ON SPECIFIC TESTS OF THE SOIL AND AMENDMENT.
 - c. STOCKPILE EXISTING TOPSOIL DURING GRADING, AND REPLACE IT PRIOR TO PLANTING. STOCKPILED TOPSOIL MUST ALSO BE AMENDED IF NEEDED TO MEET THE ORGANIC MATTER OR DEPTH REQUIREMENTS, EITHER AT A DEFAULT "PRE-APPROVED" RATE OR AT A CUSTOM CALCULATED RATE.
 - d. IMPORT TOPSOIL MIX OF SUFFICIENT ORGANIC CONTENT AND DEPTH TO MEET THE REQUIREMENTS. MORE THAN ONE METHOD MAY BE USED ON DIFFERENT PORTIONS OF THE SAME SITE. SOIL THAT ALREADY MEETS THE DEPTH AND ORGANIC MATTER QUALITY STANDARDS, AND IS NOT COMPACTED, DOES NOT NEED TO BE AMENDED.
- AMENDED SOILS SHALL BE MAINTAINED AS FOLLOWS:
 - a. SOIL QUALITY AND DEPTH SHOULD BE ESTABLISHED TOWARD THE END OF CONSTRUCTION AND ONCE ESTABLISHED, SHOULD BE PROTECTED FROM COMPACTION, SUCH AS FROM LARGE MACHINERY USE, AND FROM EROSION.
 - b. SOIL SHOULD BE PLANTED AND MULCHED AFTER INSTALLATION.
 - c. PLANT DEBRIS OR ITS EQUIVALENT SHOULD BE LEFT ON THE SOIL SURFACE TO REPLENISH ORGANIC MATTER.
 - d. IT SHOULD BE POSSIBLE TO REDUCE USE OF IRRIGATION, FERTILIZERS, HERBICIDES, AND PESTICIDES. THESE ACTIVITIES SHOULD BE ADJUSTED WHERE POSSIBLE, RATHER THAN CONTINUING TO IMPLEMENT FORMERLY ESTABLISHED PRACTICES.
- SEE PROJECT CONSTRUCTION SWPPP FOR ADDITIONAL INFORMATION OR SECTION 2.2.1.4 OF CHAPTER 2 OF VOLUME 6 OF THE 2021 SURFACE WATER MANAGEMENT MANUAL.

MULCHING NOTES:

1. MULCH MATERIALS USED SHALL BE STRAW OR HAY, AND SHALL BE APPLIED AT THE RATE OF 75-100 POUNDS PER 1000 SQ. FT. (APPROX 2" THICK).
2. MULCH SHALL BE APPLIED IN ALL AREAS WITH EXPOSED SLOPES GREATER THAN 2: 1.
3. MULCHING SHALL BE USED IMMEDIATELY AFTER SEEDING OR IN AREAS WHICH CANNOT BE SEEDED BECAUSE OF THE SEASON.
4. ALL AREAS NEEDING MULCH SHALL BE COVERED BY NOVEMBER 1.

CONTRACTOR NOTES:

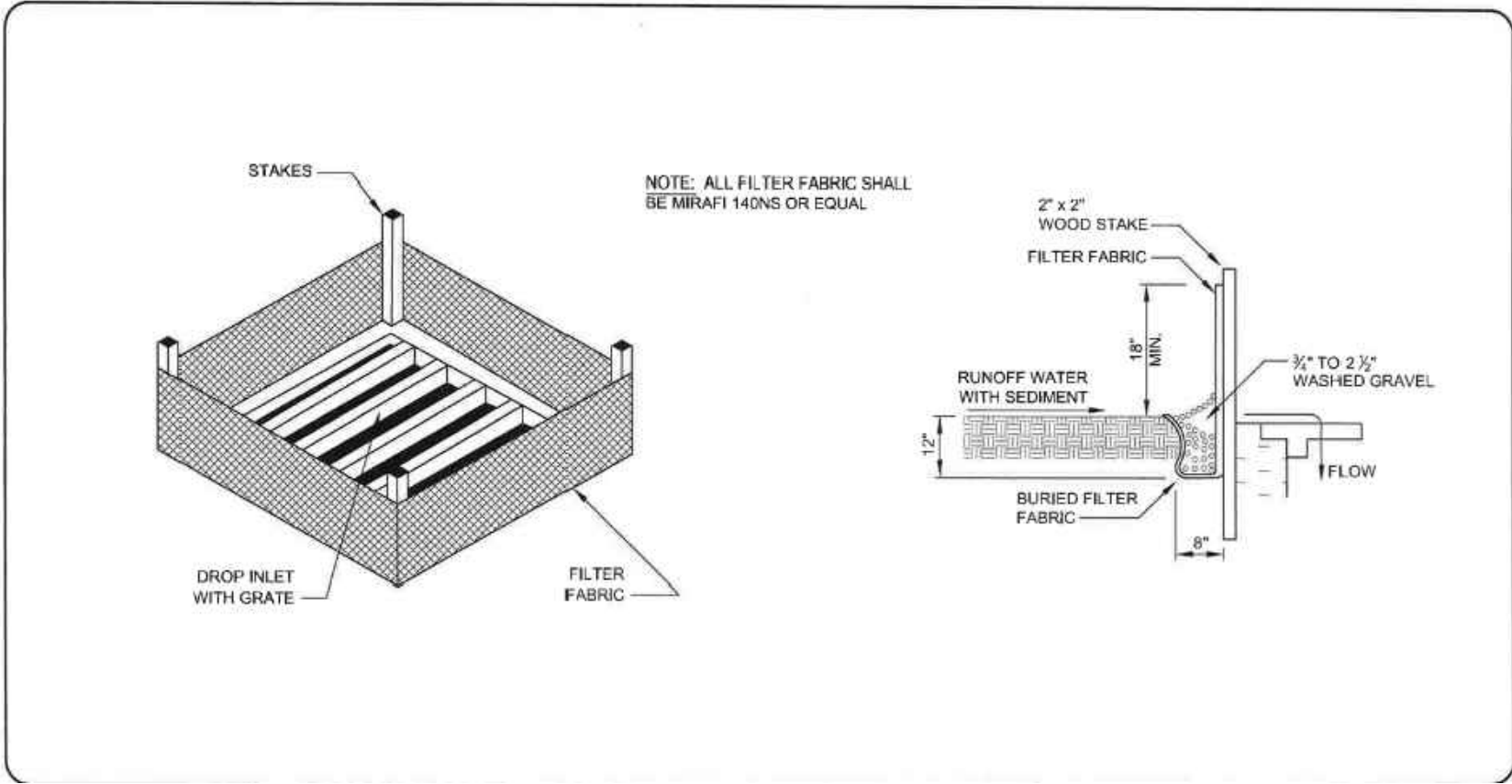
1. INLET PROTECTION SHALL BE INSTALLED IN ALL NEWLY CONSTRUCTED CATCH BASINS AND ALONG ALL IMPACTED FRONTAGE AND OFFSITE AREAS PER THE REQUIREMENTS OF THE COUNTY INSPECTOR PER DETAIL 5 ON THIS SHEET 5.
2. CONSTRUCTION FENCE CAN BE UTILIZED IN PLACE OF FILTER FABRIC FENCE ONLY IN AREAS WHERE THE GRADES DO NOT ALLOW THE POTENTIAL FOR ANY STORMWATER TO LEAVE THE SITE.
3. ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT A CITY APPROVED LOCATION AND IN A MANNER CONSISTENT WITH CURRENT REGULATIONS AND REQUIREMENTS.
4. ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN (7) DAYS DURING THE DRY SEASON OR TWO (2) DAYS DURING THE WET SEASON, SHALL BE COVERED WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING, OR OTHER EQUIVALENT PER CURRENT CITY OR COUNTY STANDARDS. SEE SEEDING NOTES AND MULCHING NOTES ON THIS SHEET.
5. CONTRACTOR SHALL DESIGNATE A WASHINGTON DEPT OF ECOLOGY CERTIFIED EROSION CONTROL LEAD PERSON, AND SHALL COMPLY WITH THE CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT.
6. AT ANY TIME DURING CONSTRUCTION IT IS DETERMINED BY THE CITY OR COUNTY THAT MUD AND DEBRIS ARE BEING TRACKED ONTO PUBLIC STREETS WITH INSUFFICIENT CLEANUP, ALL WORK SHALL CEASE ON THE PROJECT UNTIL THIS CONDITION IS CORRECTED. THE CONTRACTOR AND/OR THE OWNER SHALL IMMEDIATELY TAKE ALL STEPS NECESSARY TO PREVENT FUTURE TRACKING OF MUD AND DEBRIS INTO THE PUBLIC ROW, WHICH MAY INCLUDE THE INSTALLATION OF A WHEEL WASH FACILITY ON-SITE.
7. SEDIMENT LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE LIMITS OF THE IMPROVEMENTS. ADDITIONAL MEASURES SHALL BE INSTALLED AS NEEDED.
8. SAND BAGS SHALL BE SECURELY PLACED AROUND INSTALLED CATCH BASINS WITH INLET PROTECTION AS FIELD AND WEATHER CONDITIONS WARRANT SO TO PROTECT ALL DISPERSION AND INFILTRATION TRENCHES SEDIMENT LADEN RUNOFF.
9. TREES WITHIN WORKING LIMITS TO BE SAVED, SHALL BE MARKED AS SUCH ON SITE AND PROTECTION FENCE PLACED AROUND EACH TREE.

SEEDING NOTES:

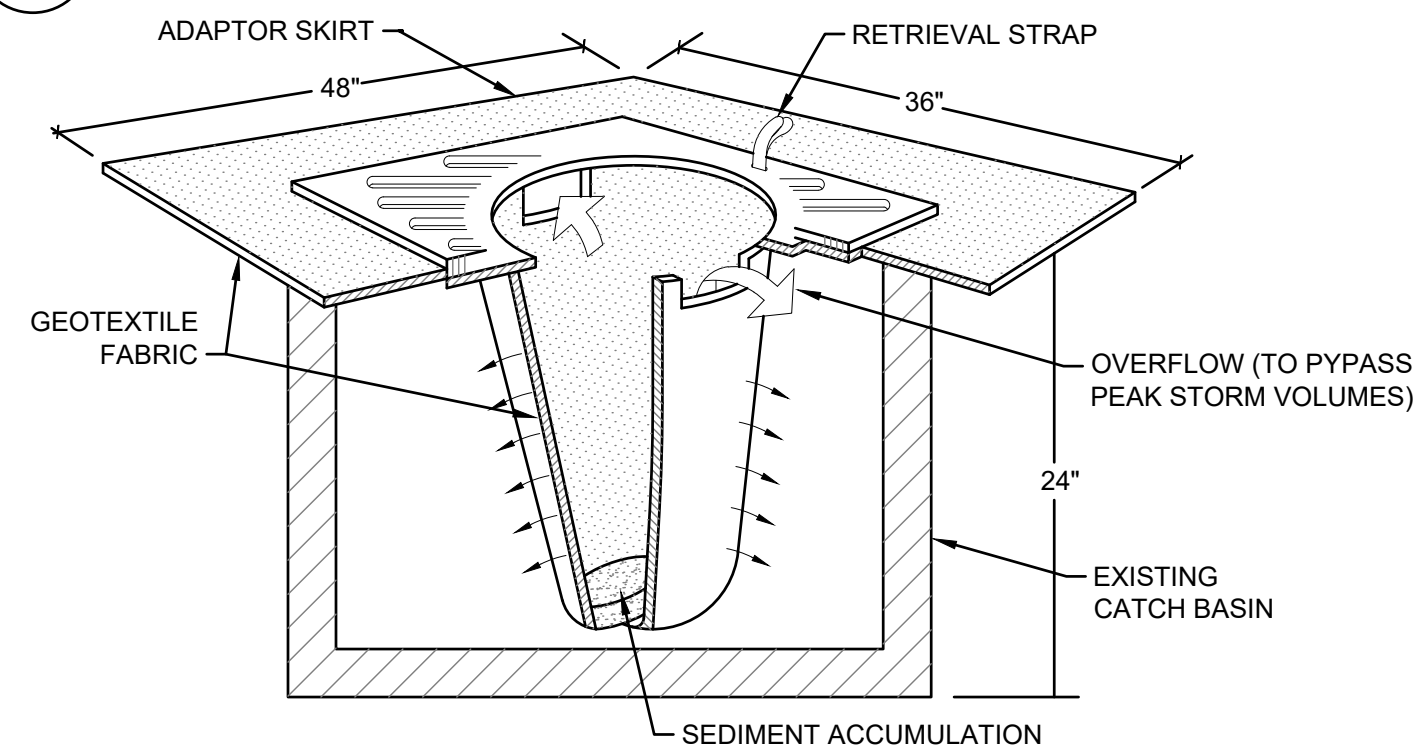
1. THE FOLLOWING SEED MIXTURE SHALL BE AS BELOW AND SHALL BE APPLIED AT THE RATE RECOMMENDED BY THE SUPPLIER.

TABLE D.3.2.B TEMPORARY EROSION CONTROL SEED MIX			
	% WEIGHT	% PURITY	% GERMINATION
CHEWINGS OR RED FESCUE FESTUCA RUBRA VAR. COMMUTATA OR FESTUCA RUBRA	40	98	90
ANNUAL OR PERENNIAL RYE LOLIUM MULTIFLORUM OR LOLIUM PERENNE	40	98	90
REDDTOP OR COLONIAL BENTGRASS AGROSTIS ALBA OR AGROSTIS TENUIS	10	92	85
WHITE DUTCH CLOVER TRIFOLIUM REPENS	10	98	90

2. SEED BEDS PLANTED BETWEEN MAY 1 AND OCTOBER 31 WILL REQUIRE IRRIGATION AND OTHER MAINTENANCE AS NECESSARY TO FOSTER AND PROTECT THE ROOT STRUCTURE.
3. FOR SEED BEDS PLANTED BETWEEN OCTOBER 31 AND APRIL 30, ARMORING OF THE SEED BED WILL BE NECESSARY. (E.G., GEOTEXTILES, JUTE MAT, CLEAR PLASTIC COVERING).
4. BEFORE SEEDING, INSTALL NEEDED SURFACE RUNOFF CONTROL MEASURES SUCH AS GRADIENT TERRACES, INTERCEPTOR DIKES, SWALES, LEVEL SPREADERS AND SEDIMENT BASINS.
5. THE SEEDBED SHALL BE FIRM WITH A FAIRLY FINE SURFACE, FOLLOWING SURFACE ROUGHENING. PERFORM ALL OPERATIONS ACROSS OR AT RIGHT ANGLES TO THE SLOPE.
6. FERTILIZERS ARE TO BE USED ACCORDING TO SUPPLIER'S RECOMMENDATIONS. AMOUNTS USED SHOULD BE MINIMIZED, ESPECIALLY ADJACENT TO WATER BODIES AND WETLANDS.

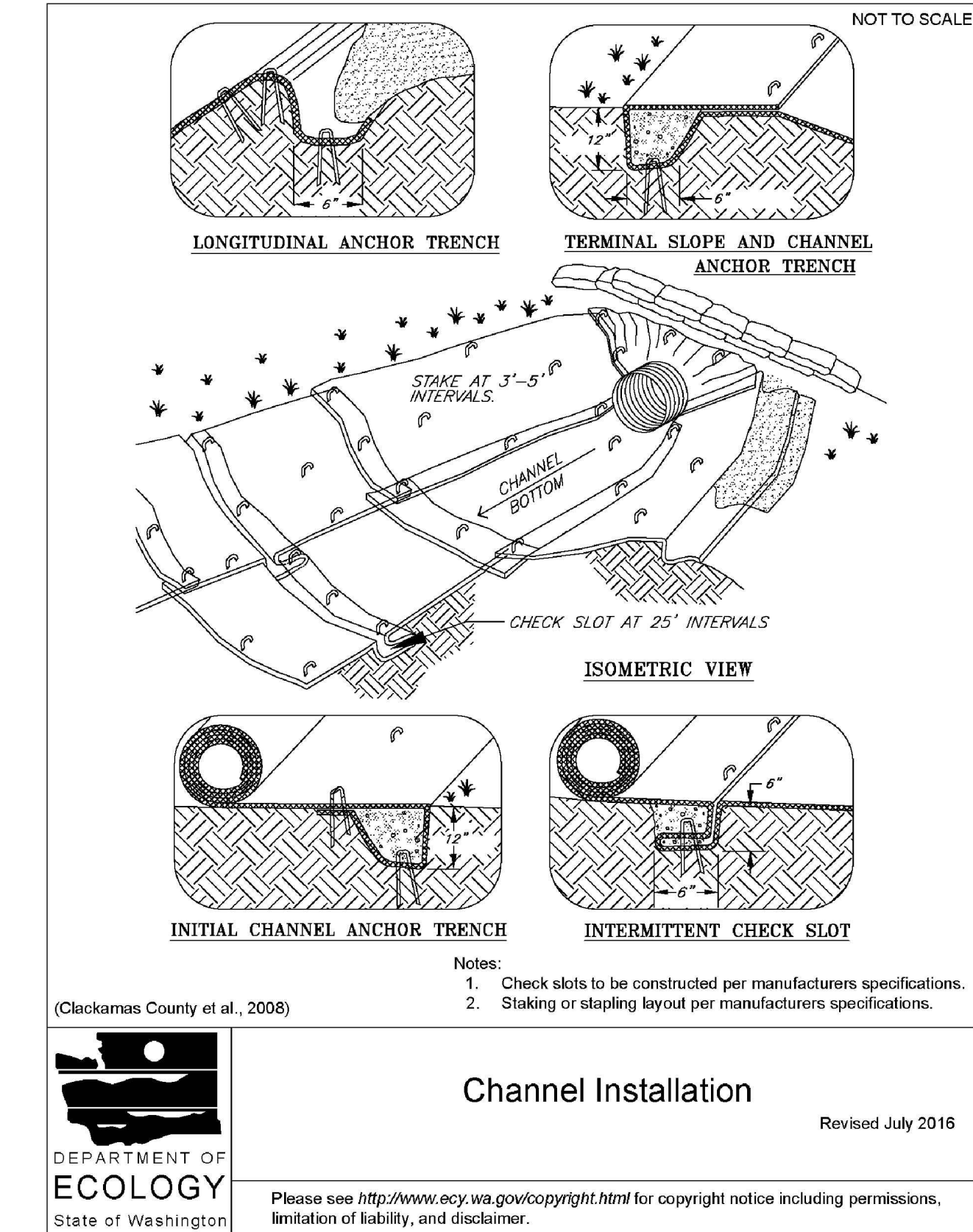


3 INLET PROTECTION WITH FABRIC FENCE



- NOTES:
1. FILTERS SHALL BE INSPECTED AFTER EACH STORM EVENT AND CLEANED OR REPLACED WHEN 1/3 FULL.
 2. INSTALL INLET PROTECTION IN ALL NEW STORM STRUCTURES THAT WILL COLLECT STORMWATER AS THEY ARE INSTALLED.

4 INLET PROTECTION WITH FILTER SOCK



5 OUTLET PROTECTION

OUTLET PROTECTION NOTES:

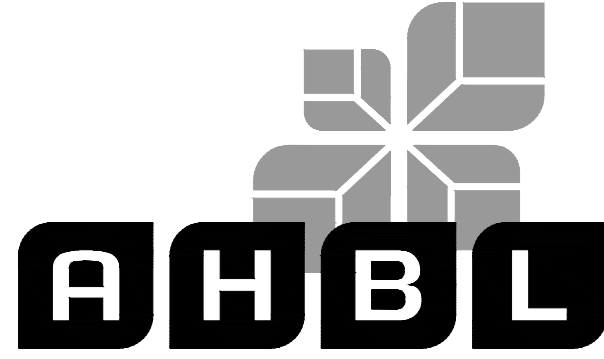
1. OUTLET PROTECTION SHALL BE USED AT ALL OUTLETS THAT DISCHARGE TO THE NATURAL STREAM/DITCH AND THE RELOCATED STREAM. COORDINATE WITH STREAM RESTORATION PLAN TO PREVENT EROSION.
2. THE RECEIVING CHANNEL AT THE OUTLET OF THE PIPE SHALL BE PROTECTED FROM EROSION BY LINING A MINIMUM OF 6 FEET DOWNSTREAM AND EXTENDING UP THE CHANNEL SIDES A MINIMUM OF 1-FOOT ABOVE THE MAXIMUM TAILWATER ELEVATION, OR 1-FOOT ABOVE THE CROWN, WHICHEVER IS HIGHER. FOR PIPES LARGER THAN 18 INCHES IN DIAMETER, THE OUTLET PROTECTION LINING OF THE CHANNEL SHALL BE FOUR TIMES THE DIAMETER OF THE OUTLET PIPE.
3. BMP C122: NETS AND BLANKETS SHALL BE USED FOR LINING MATERIALS.

APPROVED

BY: CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE:

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2215 North 30th Street, Suite 300, Tacoma, WA 98403
253.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB

Project Title:

EAST TOWN CROSSING STREAM RELOCATION

Client:

ASH DEVELOPMENT

GREG HELLE

GREG.HELLE@ASHNW.COM

Project No.

2230752

Issue Set & Date:

PERMIT SUBMITTAL

03/22/2024



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Revisions:

Sheet Title:

TESC AND DEMOLITION NOTES AND DETAILS

Designed by: CW Drawn by: RS Checked by: JI

Sheet No.

C1.01

3 of 6 Sheets

EAST TOWN CROSSING STREAM RELOCATION

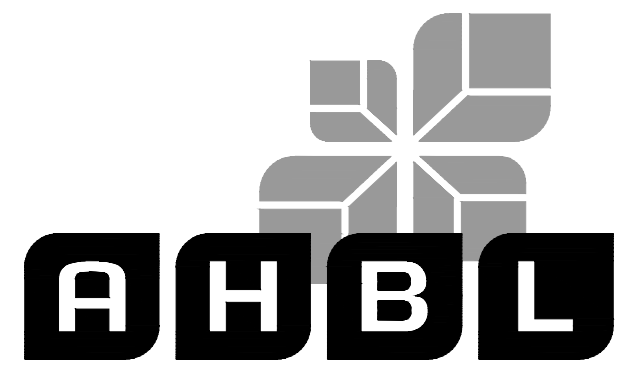
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STREAM
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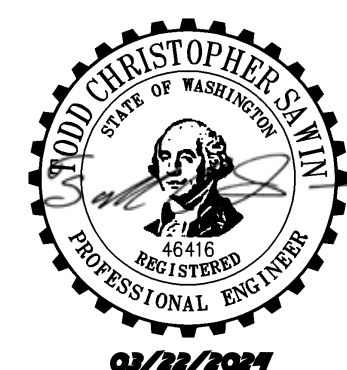
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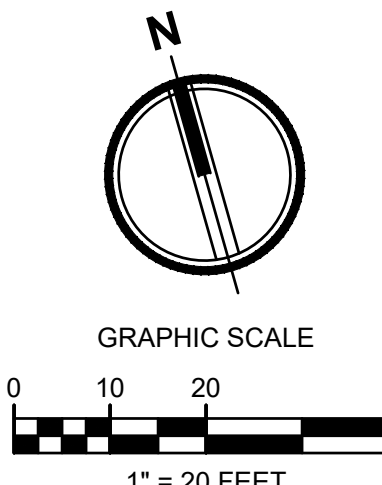
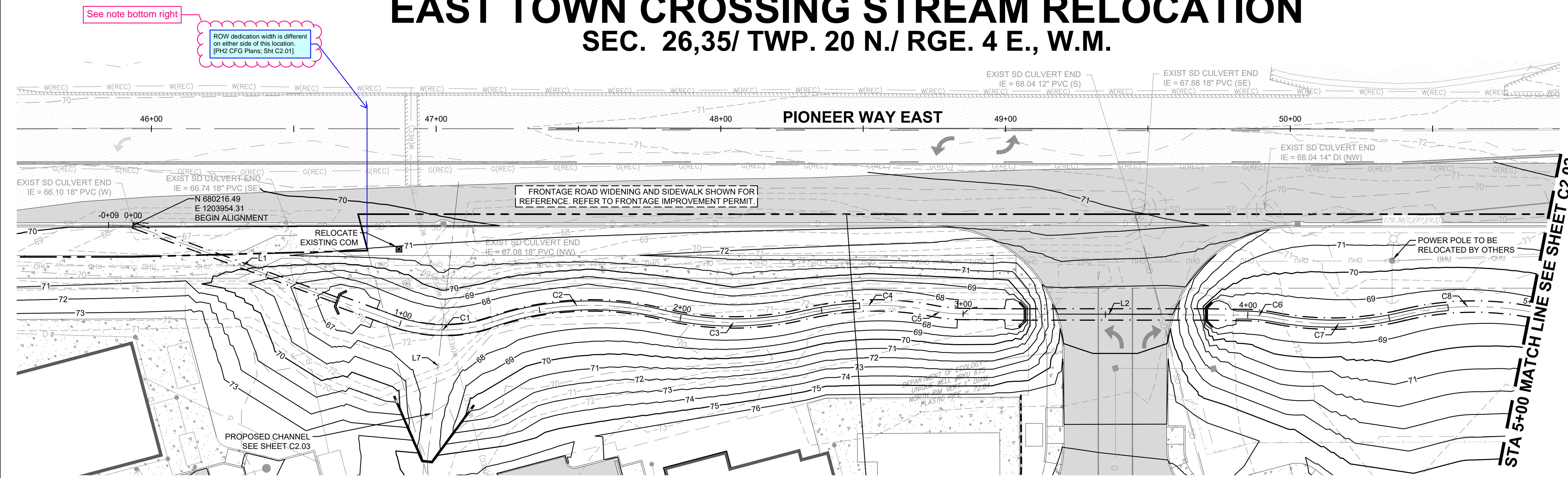
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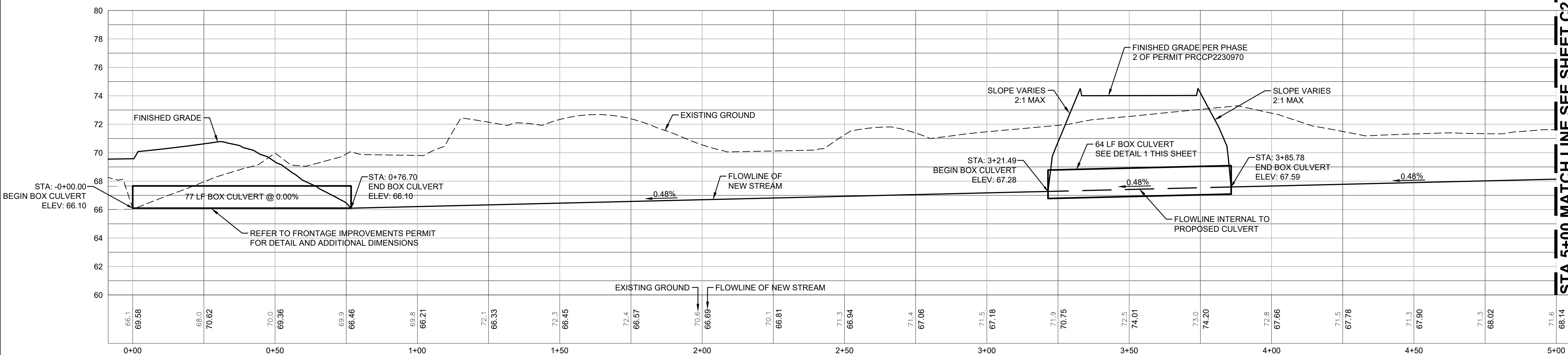
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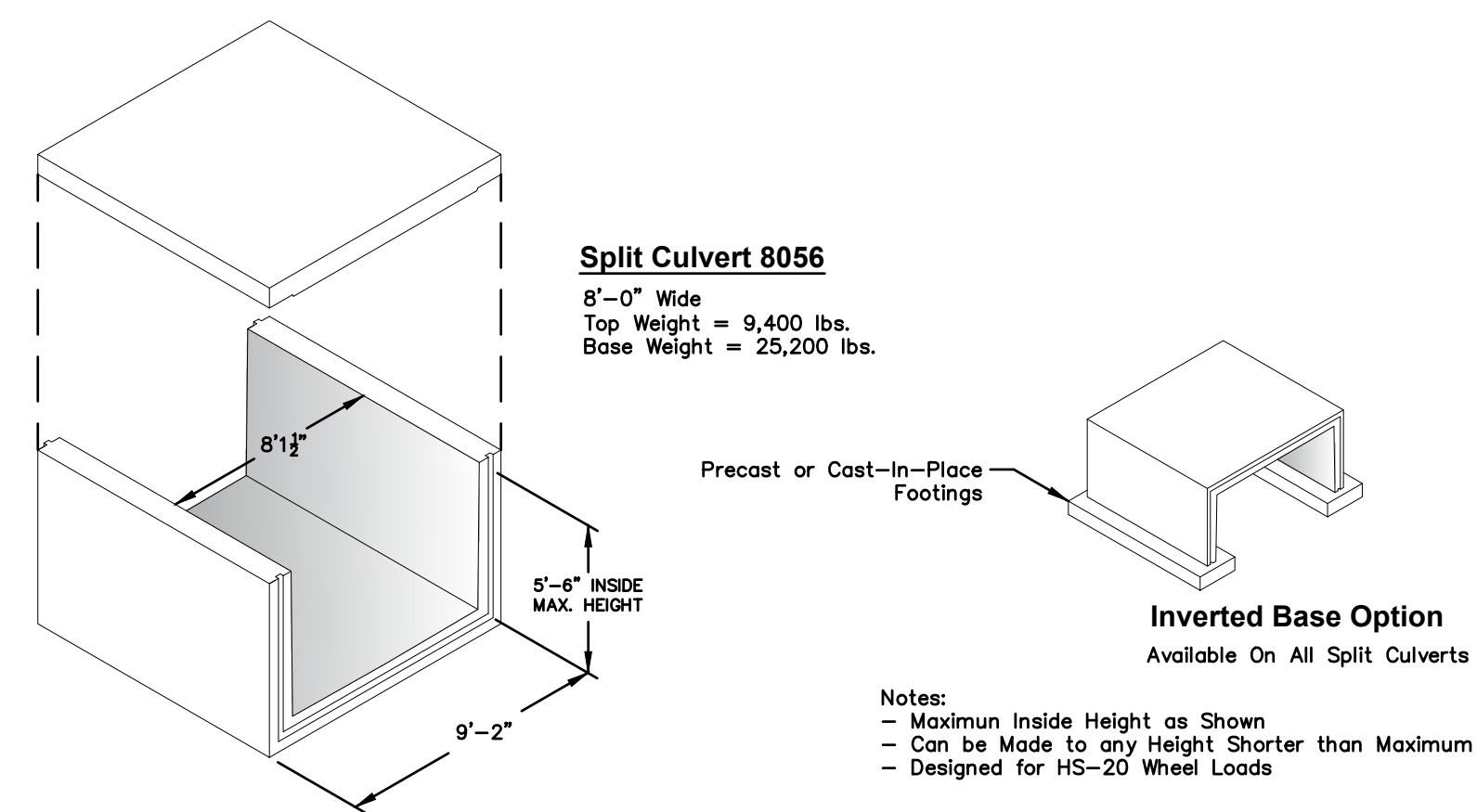


STREAM Z - STA 0+00 TO 5+00

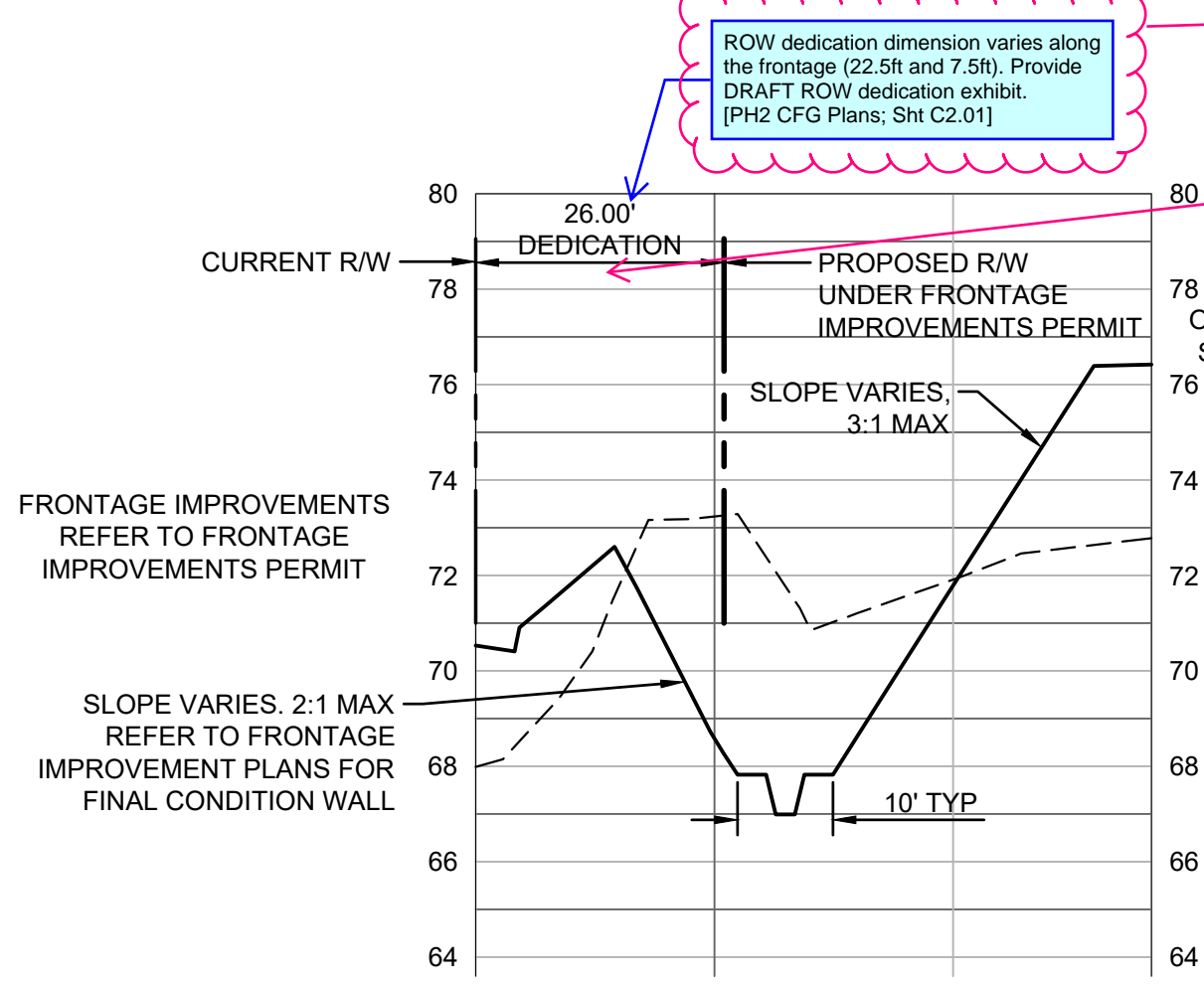


Replaced dimension with "VARIES". East side of the ROW jog, the dedication is 22.5 ft. West of the ROW jog, it varies.

Added: 52.5 FT FROM PIONEER CL



Parcel Line and Curve Table			
Line #/Curve #	Length	Bearing/Delta	Radius
L1	97.39	S53° 55' 19.75"E	
C1	35.52	39.32	51.75
C2	60.49	32.81	105.62
C3	50.48	27.37	105.67
C4	45.75	24.81	105.67
C5	10.53	10.91	55.27
L2	98.58	S73° 54' 20.91"E	
C6	10.52	10.90	55.27
C7	45.72	24.79	105.65
C8	45.75	24.81	105.67



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SPLIT CULVERT

File Name: 020-SPLITCULVERT1-2
Issue Date: 2016
oldcastleprecast.com/wilsonville

**SPLIT CULVERT
8056**

8'W X 2'H INVERTED BASE BOX CULVERT
NOT TO SCALE

STREAM Z ALIGNMENT

TYPICAL STREAM SECTION
NOT TO SCALE

STREAM PLAN AND PROFILE

Designed by: CW Drawn by: RS Checked by: JI

Sheet No.

C2.01

4 of 6 Sheets

EAST TOWN CROSSING STREAM RELOCATION

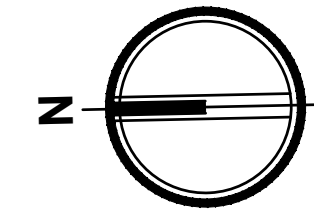
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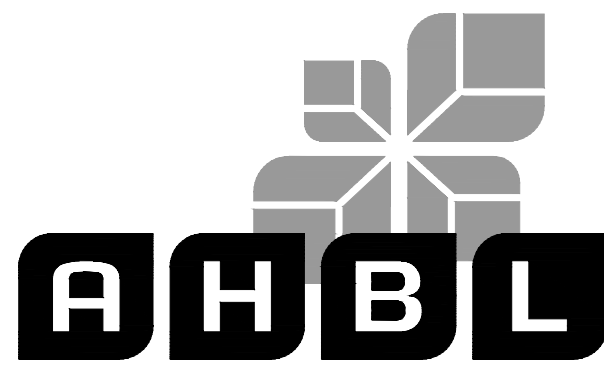
BY
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE

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PLANS.
FIELD CONDITIONS MAY DICTATE
CHANGES TO THESE PLANS AS
DETERMINED BY THE
DEVELOPMENT ENGINEERING
MANAGER.



GRAPHIC SCALE
0 10 20 40
1" = 20 FEET



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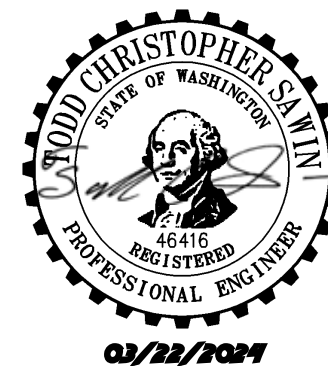
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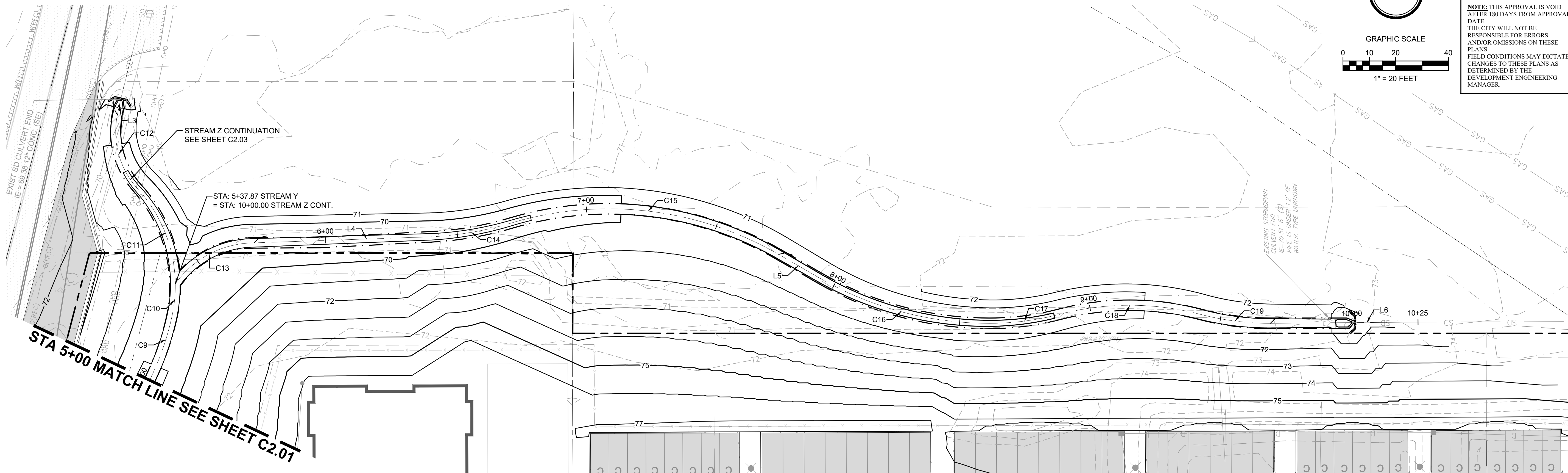
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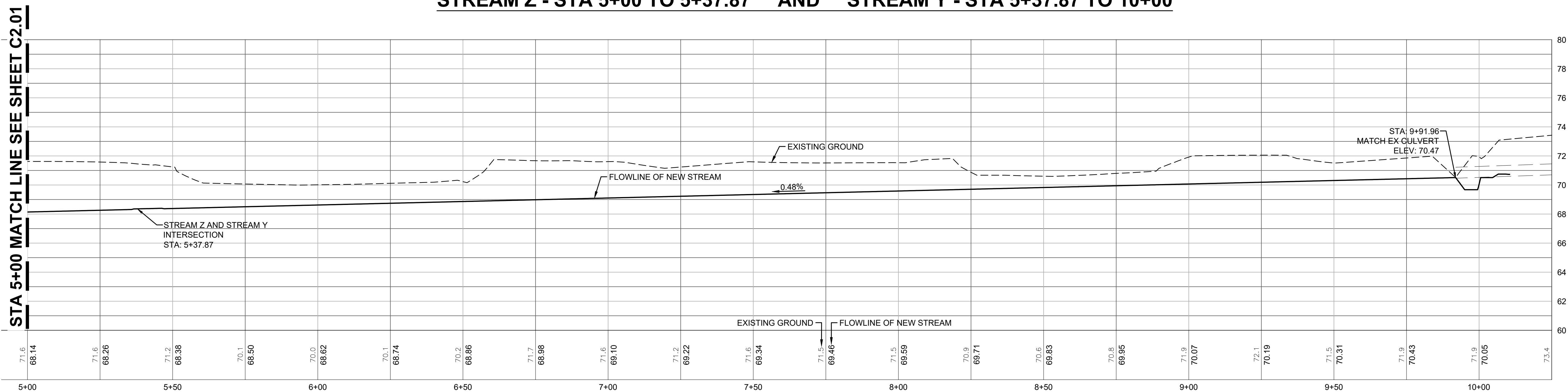
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STREAM Z - STA 5+00 TO 5+37.87 AND STREAM Y - STA 5+37.87 TO 10+00



Parcel Line and Curve Table

Line #/Curve #	Length	Bearing/Delta	Radius
C9	24.89	13.50	105.67
C10	12.27	12.95	54.27

STREAM Z ALIGNMENT

Parcel Line and Curve Table

Line #/Curve #	Length	Bearing/Delta	Radius
C13	35.01	54.21	37.00
L4	67.19	S0° 42' 01.03"E	
C14	30.85	13.68	129.20
C15	105.07	46.61	129.16
L5	17.58	S31° 15' 09.52"W	
C16	67.63	30.00	129.16
C17	26.97	14.62	105.67
C18	53.94	29.25	105.67
C19	26.97	14.62	105.67
L6	55.98	S0° 47' 13.11"W	

STREAM Y ALIGNMENT



Know what's below.
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Revisions:

Sheet Title:

**STREAM PLAN
AND PROFILE**

Designed by: CW Drawn by: RS Checked by: JI

Sheet No.

C2.02

5 of 6 Sheets

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