

**SURVEYOR**

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 OFFICE: 253-435-3699

**ARCHITECT**

SYNTHESIS 9, LLC  
 CONTACT: BRETT LINDSAY  
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 2215 NORTH 30TH STREET, SUITE 300  
 TACOMA, WA 98403  
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 EMAIL: TSAVIN@AHBL.COM

**SITE INFORMATION**

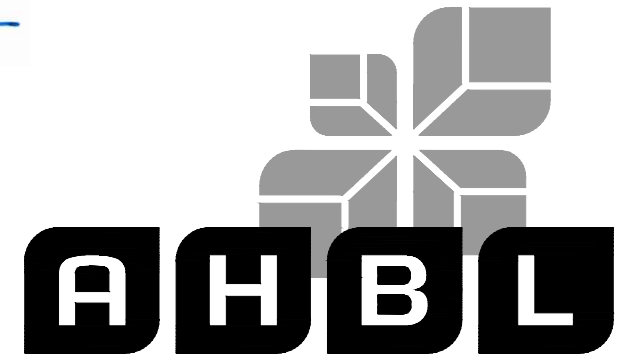
PARCEL: 0420264021, 0420264054, 0420264053,  
 0420351066, 0420351030, 0420351029, 0420351026  
 ADDRESS: 2902 E PIONEER  
 PUYALLUP, WA 98372  
 ZONING: CG AND RM-20

# EAST TOWN CROSSING STREAM RELOCATION

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

APPROVED

BY *[Signature]*  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE: 07/01/2024



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

**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 D10  
 PID: DL2774

PUBLISHED ELEVATION: 75.70 FEET (NAVD88)  
 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 WITH IN THE PROPERTY DETERMINED BY MAP PROVIDED 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 R210040207

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 2-09.30.9, 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 49.17.00.

**CONSTRUCTION SEQUENCE**

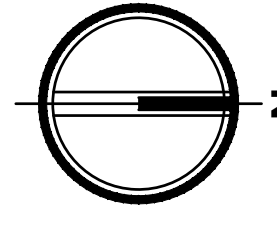
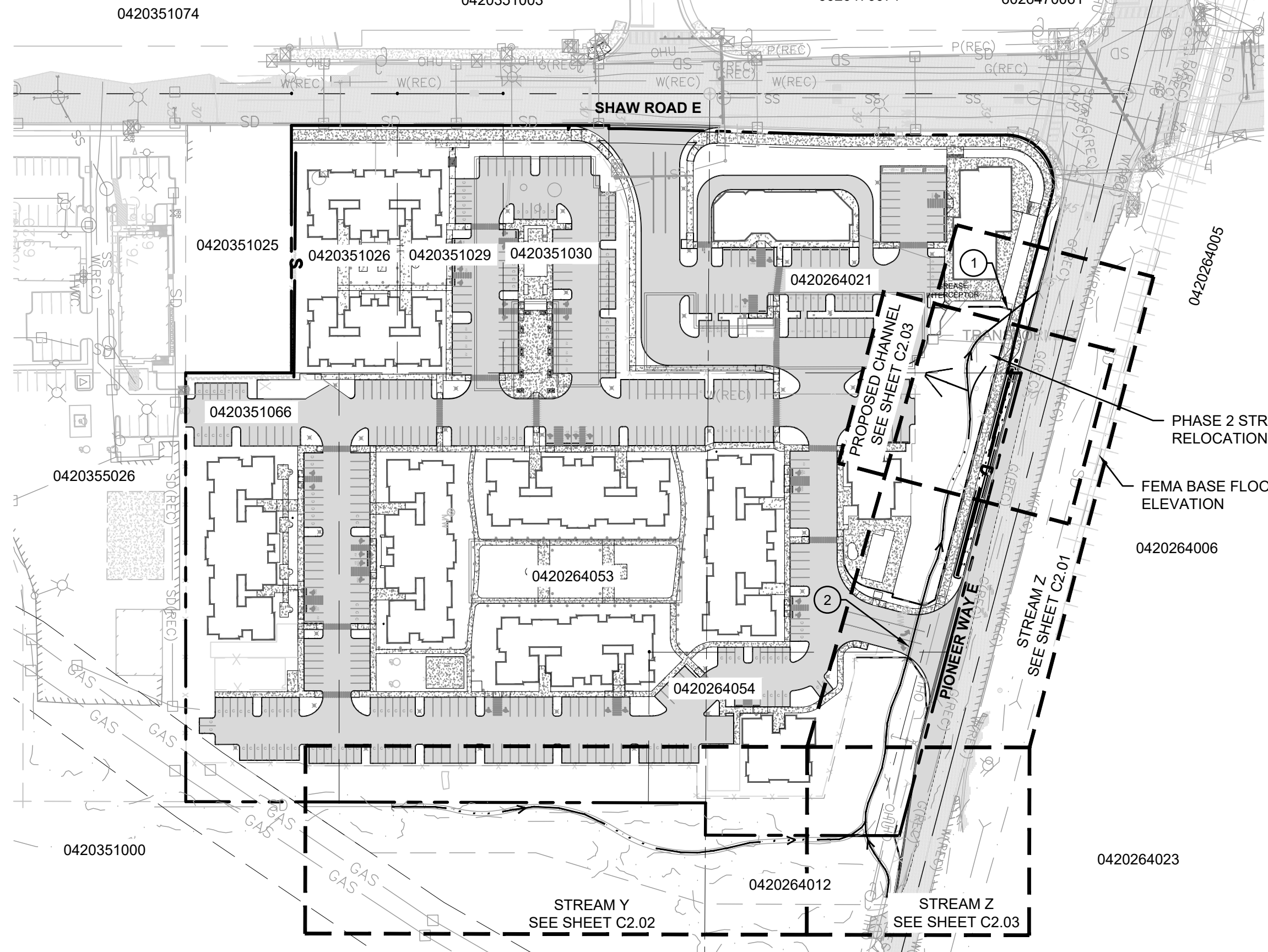
1. OBTAIN REQUIRED PERMITS AND HOLD A PRE-CONSTRUCTION MEETING WITH THE CITY
2. FLAG CLEARING LIMITS
3. INSTALL OR REPLACE SILT FENCE
4. INSTALL CONSTRUCTION ENTRANCE
5. SCHEDULE EROSION CONTROL INSPECTION W/ CITY
6. GRADE SITE
7. MAINTAIN EROSION CONTROL, MEASURE AND RELOCATE SURFACEWATER CONTROLS AS 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 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-21-2024), 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 ACCOMPLISHED PRIOR TO ANY OCCUPANCY OF PHASE 1 STRUCTURES.



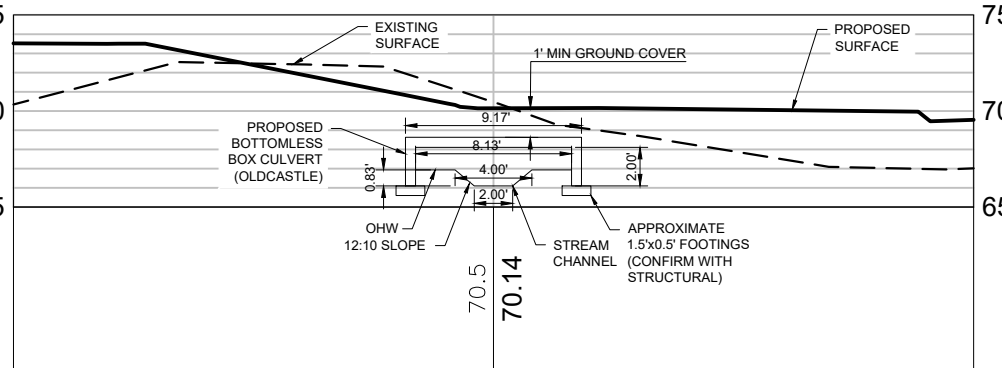
**FLOOD PLAIN NOTE**

THE FLOOD PLAIN INFORMATION SHOWN IN THE PLAN SET IS BASED ON THE REVISED PANEL 542 OF 1375 OF MAP 50535C034QE THAT WAS PART OF THE 08/28/22 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.

**RELATED PERMITS**

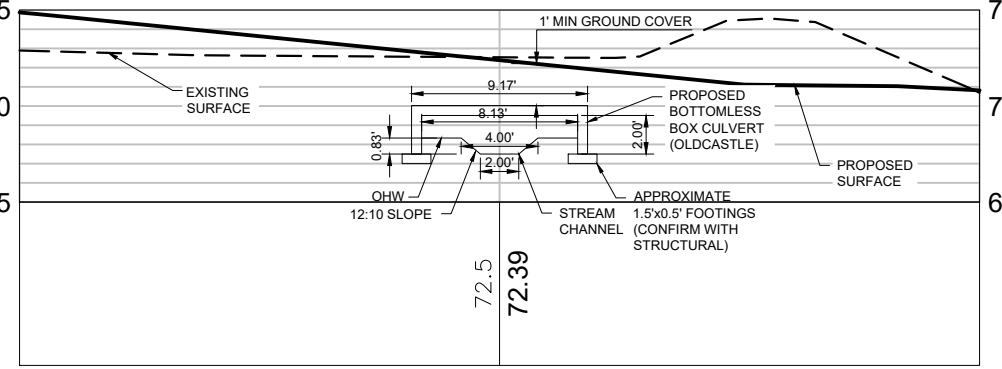
HPA PERMIT: 2024-6-20-01  
 COE PERMIT: NWS-2023-660

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



**1 HPA APPROVED CULVERT 1 CROSS-SECTION**

SCALE 1"=10'



**2 HPA APPROVED CULVERT 2 CROSS-SECTION**

SCALE 1"=10'

**LEGAL DESCRIPTION**

**TAX PARCEL NO. 0420264021:** PER CW TITLE TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-735 DATED JANUARY 22, 2021 AT 8:00 A.M.

**TAX PARCEL NO. 0420264054:** PER CW TITLE TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-735 DATED JANUARY 22, 2021 AT 8:00 A.M.

**TAX PARCEL NO. 0420351030:** PER CW TITLE TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-735 DATED JANUARY 22, 2021 AT 8:00 A.M.

**TAX PARCEL NO. 0420351029:** PER CW TITLE TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-735 DATED JANUARY 22, 2021 AT 8:00 A.M.

**TAX PARCEL NO. 0420351026:** PER CW TITLE TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-735 DATED JANUARY 22, 2021 AT 8:00 A.M.

**TAX PARCEL NO. 0420264053:** PER CW TITLE TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-735 DATED JANUARY 22, 2021 AT 8:00 A.M.

COMMENCING 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. 9408290215, 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. 0420351066:** PER CW TITLE TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 40249905-735 DATED JANUARY 22, 2021 AT 8:00 A.M.

COMMENCING AT THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 35, AND THE SOUTHWEST CORNER OF THE SOUTHWEST QUARTER OF SECTION 26, 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; THENCE ALONG THE EAST LINE OF SAID WEST HALF, SOUTH 01°15'04" WEST, 54.00 FEET TO THE TRUE POINT OF BEGINNING; THENCE ALONG THE EAST LINE OF SAID WEST HALF, SOUTH 01°15'04" WEST, 437.43 FEET TO POINT LYING SOUTH 88°53'30" EAST, 405.26 FEET OF THE EASTERLY EXTENSION OF THE NORTH LINE OF LOT 2 OF PIERCE COUNTY SHORT PLAT NO. 9303010321;

THENCE ALONG THE NORTHERLY EXTENSION OF THE EAST LINE OF SAID LOT 2 NORTH 01°06'30" EAST, 789.89 FEET TO THE SOUTHERLY MARGIN OF PIONEER WAY;

THENCE ALONG SAID SOUTHERLY MARGIN, SOUTH 74°09'09" EAST, 272.98 FEET TO A LINE LYING 263.54 FEET EAST OF AND PARALLEL WITH 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.

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

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 258.38 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 258.26 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. 40249906-135 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;

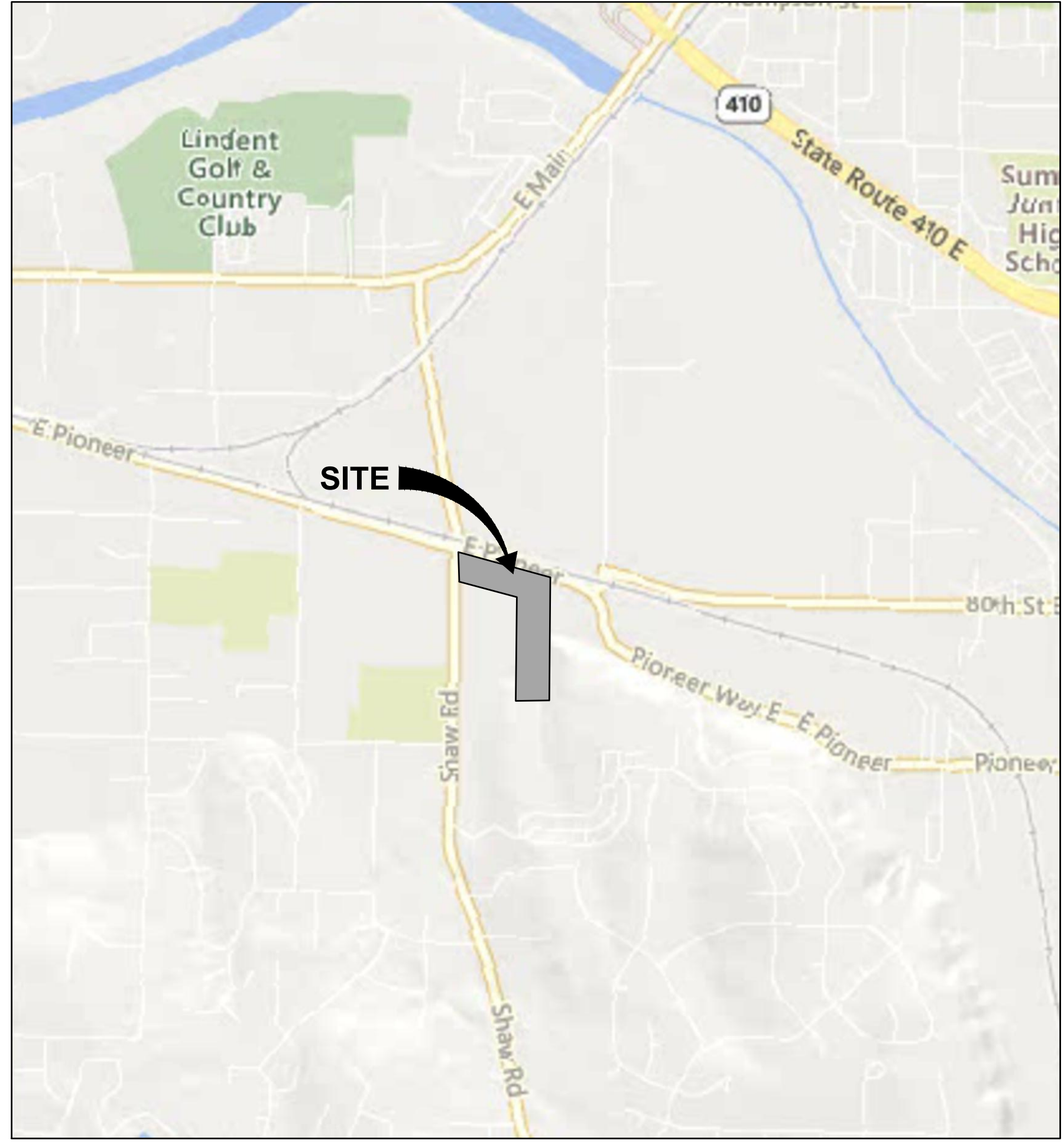
THENCE NORTH 100 FEET TO THE TRUE POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON.

EXCEPT SHAW COUNTY ROAD.

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

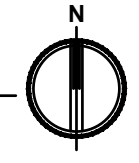
**TAX PARCEL NO. 0420351030:** PER CW TITLE TITLE RESOURCES GUARANTY COMPANY SUBDIVISION GUARANTEE ORDER NO. 200303315001)

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



**VICINITY MAP**

1" = 1000'  
 2902 E PIONEER WAY



**Project Title:**  
**EAST TOWN CROSSING STREAM RELOCATION**

**Client:**  
 ASH DEVELOPMENT  
 GREG HELLE  
 GREG.HELLE@ASHNW.COM

**Project No.**  
 2230752

**Issue Set & Date:**  
 PERMIT SUBMITTAL  
 06/24/2024



**NOTICE:**  
 ALTERATION OF THIS DOCUMENT SHALL INVALIDATE THE PROFESSIONAL SEAL AND SIGNATURE. PUBLICATION OF THIS DOCUMENT DOES NOT CONSTITUTE A REVIEW OF THE PROJECT EXCEPT AS SET FORTH IN THE BLOCK ONE'S. THIS DOCUMENT IS NOT TO BE USED FOR ANY OTHER PROJECT.

**City of Puyallup Development & Permitting Services ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

Revisions:

Sheet Title:

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

**COVER SHEET**

Sheet No.

**C0.00**



# EAST TOWN CROSSING STREAM RELOCATION

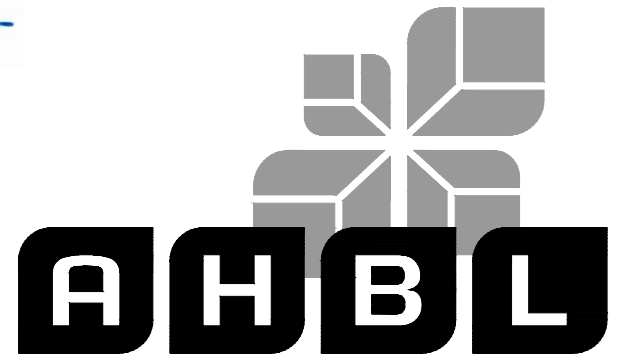
## SEC. 26,35/ TWP. 20 N./ RGE. 4 E., W.M.

APPROVED

BY *[Signature]*  
CITY OF PUYALLUP  
DEVELOPMENT ENGINEERING

DATE 07/01/2024

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.



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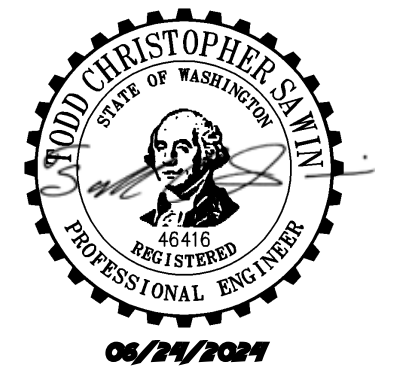
Client:  
ASH DEVELOPMENT

GREG HELLE  
GREG.HELLE@ASHNW.COM

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City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

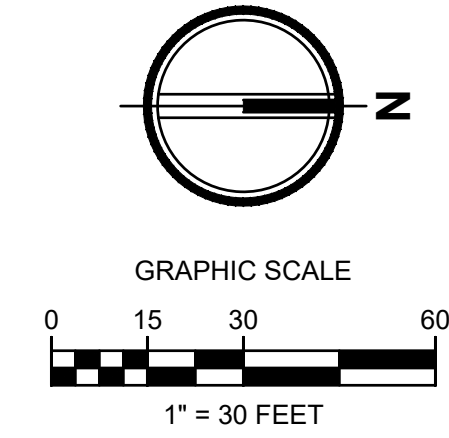
Revisions:

Sheet Title:  
**TESC AND DEMOLITION PLAN**

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

Sheet No.  
**C1.00**

2 of 6 Sheets



**LEGEND**

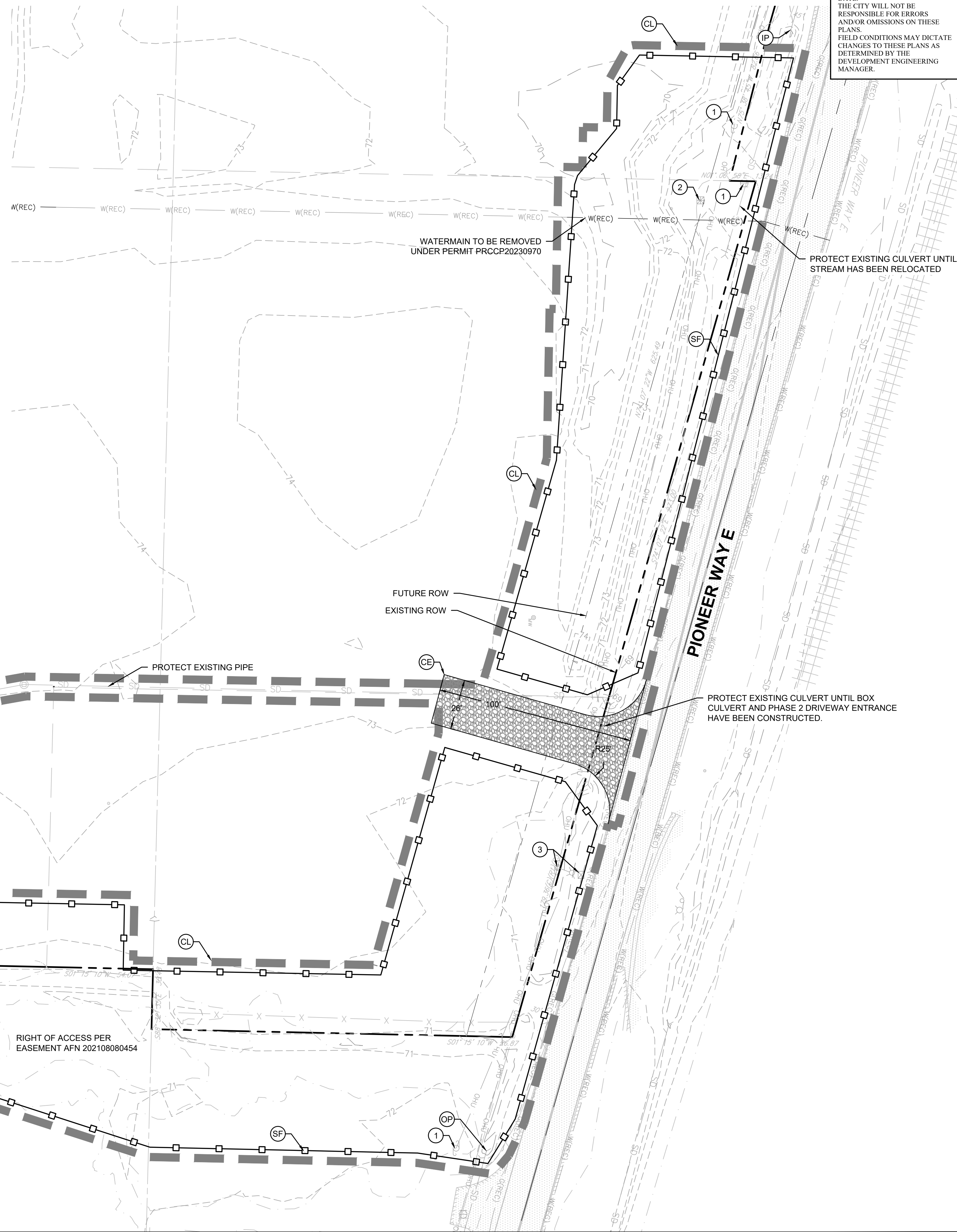
- RIGHT-OF-WAY / PROPERTY LINE
- CL CLEARING / PROJECT LIMITS
- CE CONSTRUCTION ENTRANCE
- SF SILT FENCE/FILTER FABRIC FENCE
- IP INLET PROTECTION
- OP OUTLET PROTECTION

**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.





**TESC INSPECTION NOTES:**

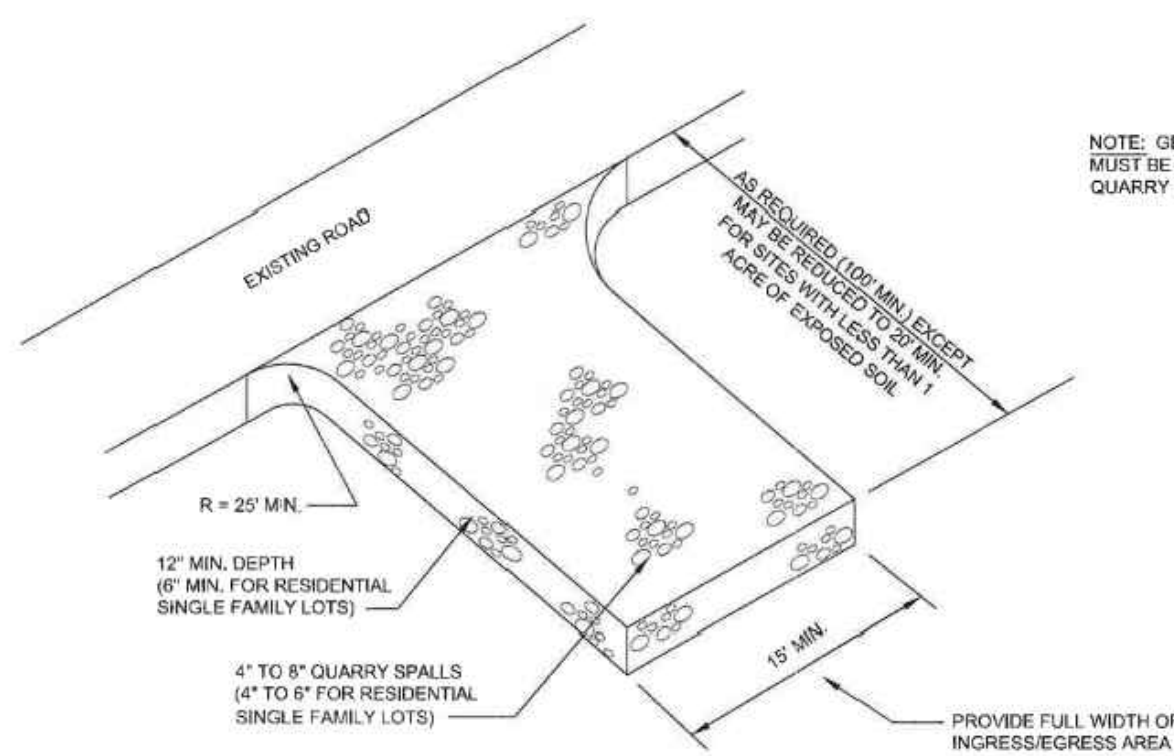
- INSPECT ALL INLET PROTECTION ON CATCH BASINS. CLEAN OR REPLACE IF FULL OF SEDIMENT/DEBRIS AND REPAIR/REPLACE AS NEEDED TO MAINTAIN PROTECTION.
- INSPECT ALL PERMANENT AND TEMPORARY STABILIZED SLOPES. REPAIR ANY DAMAGED SECTIONS AND RE-VEGETATE AS NEEDED TO ENSURE THE ESTABLISHMENT OF VEGETATION AND THAT NO EROSION OF THE SLOPES OCCUR.
- INSPECT ALL FILTER FABRIC FENCING FOR SIGNS OF EROSION, DAMAGE OR FAILURES. REPAIR AND/OR REPLACE AS NEEDED. SEE FILTER FABRIC NOTES. SEDIMENT BUILD-UP 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.
- 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.
- TESC LEAD RESPONSIBLE FOR NOTIFYING ENGINEER IF ADDITIONAL MEASURES ARE WARRANTED.

**PERMANENT STABILIZATION NOTES:**

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

**CONSTRUCTION ENTRANCE NOTES:**

- 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.
- 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.
- ADDITIONAL ROCK SHALL BE ADDED PERIODICALLY TO MAINTAIN FUNCTION OF THE PAD.
- 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.
- CONSTRUCTION ACCESS IS FORBIDDEN ALONG SHAW ROAD FOR THE DURATION OF CONSTRUCTION.

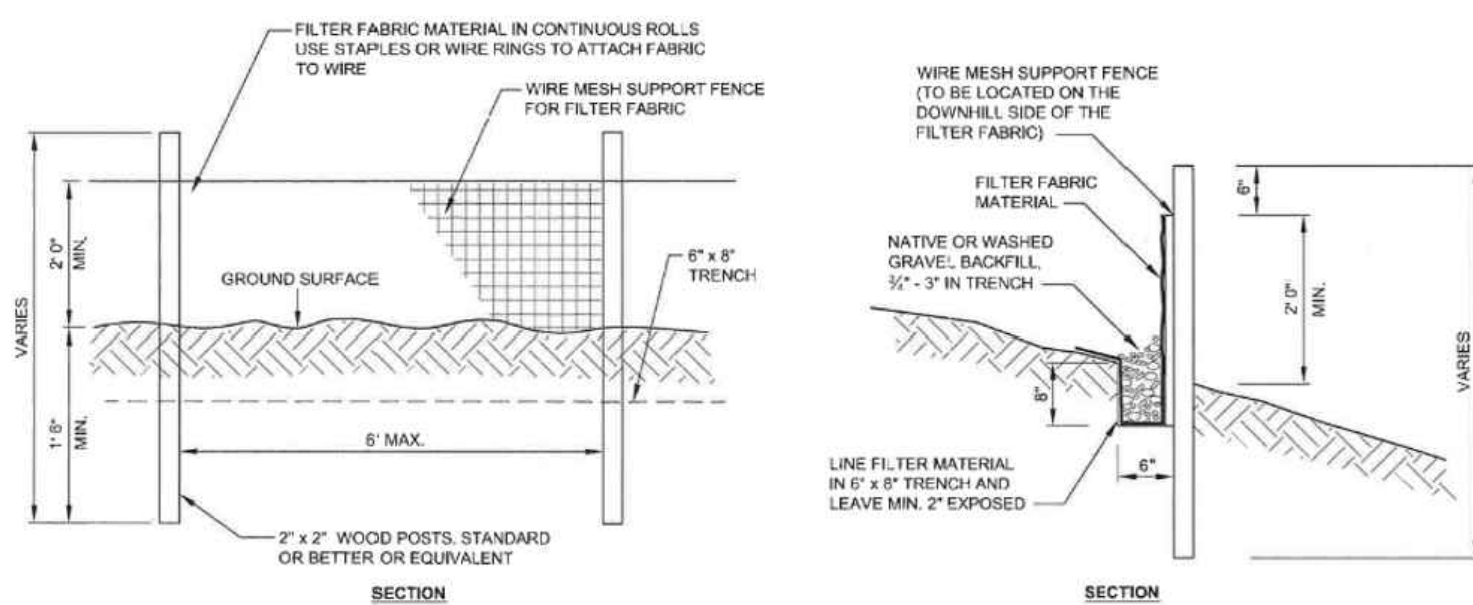


**1 CONSTRUCTION ENTRANCE**

NOT TO SCALE

**FILTER FABRIC FENCE NOTES:**

- SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY FASTENED AT BOTH ENDS TO POSTS.
- POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 30 INCHES).
- 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.
- WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE TRENCH USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG. THE WIRES OR HOG RINGS SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES AND SHALL NOT EXTEND MORE THAN 24 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- 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.
- WHEN EXTRA-STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL 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.
- FILTER FABRIC FENCES SHALL NOT BE REMOVED BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
- FILTER FABRIC FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- SILT FENCES WILL BE INSTALLED PARALLEL TO ANY SLOPE CONTOURS.
- CONTRIBUTING LENGTH TO FENCE WILL NOT BE GREATER THAN 100 FEET.
- DO NOT INSTALL BELOW AN OUTLET PIPE OR WEIR.
- INSTALL DOWNSLOPE OF EXPOSED AREAS.
- DO NOT DRIVE OVER OR FILL OVER SILT FENCES.



**2 SILT FENCE/FILTER FABRIC FENCE**

NOT TO SCALE



Know what's below. Call before you dig.

# 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:
  - 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.
  - 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 TS.13" TO MEET THE REQUIREMENTS OF THIS BMP. THIS GUIDANCE CAN BE FOUND ONLINE AT [WWW.SOILFORALMON.ORG](http://WWW.SOILFORALMON.ORG)
  - LEAVE NATIVE VEGETATION AND SOIL UNDISTURBED, AND PROTECT FROM COMPACTION DURING CONSTRUCTION.
  - 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.
  - 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.
  - IMPORT TOPSOIL, LIME, OR SUFFICIENT ORGANIC CONTENT, 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:
  - 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.
  - SOIL SHOULD BE PLANTED AND MULCHED AFTER INSTALLATION.
  - PLANT DEBRIS OR ITS EQUIVALENT SHOULD BE LEFT ON THE SOIL SURFACE TO REPLENISH ORGANIC MATTER.
  - 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:**

- 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).
- MULCH SHALL BE APPLIED IN ALL AREAS WITH EXPOSED SLOPES GREATER THAN 2: 1.
- MULCHING SHALL BE USED IMMEDIATELY AFTER SEEDING OR IN AREAS WHICH CANNOT BE SEEDDED BECAUSE OF THE SEASON.
- ALL AREAS NEEDING MULCH SHALL BE COVERED BY NOVEMBER 1.

**CONTRACTOR NOTES:**

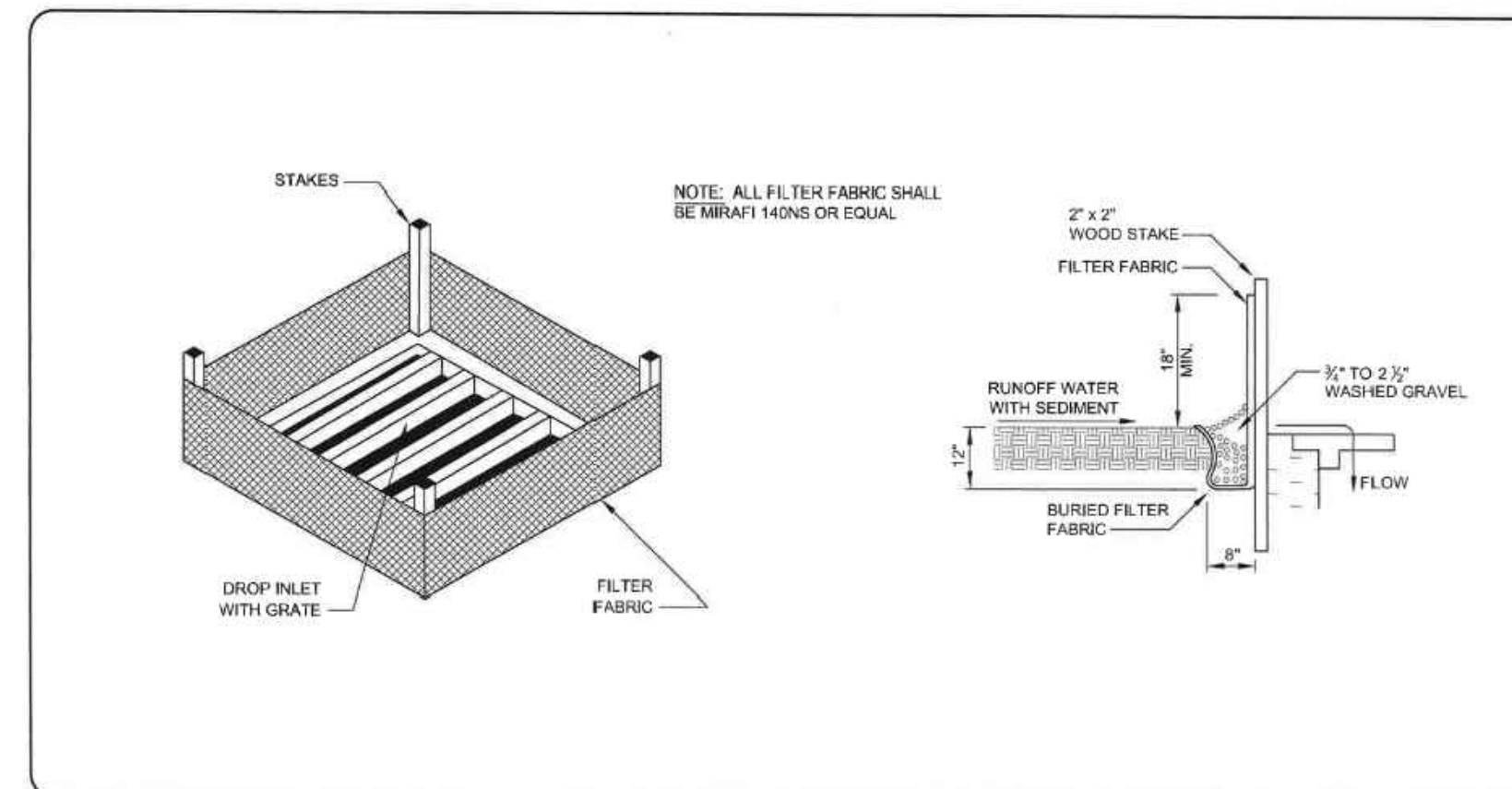
- INLET PROTECTION SHALL BE INSTALLED IN ALL NEWLY CONSTRUCTED CATCH BASINS AND ALONG ALL IMPACTED FRONTAGE AND OFFSITE AREAS PER THE REQUIREMENTS OF THE COUNTY INSPECTOR PER DETAIL 5 ON THIS SHEET 5.
- CONSTRUCTION FENCE CAN BE UTILIZED IN PLACE OF FILTER FABRIC FENCE ONLY IN AREAS WHERE THE GRADES DO NOT ALLOW THE POTENTIAL FOR ANY STORMWATER TO LEAVE THE SITE.
- 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.
- 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.
- 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.
- 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.
- SEDIMENT LADEN RUNOFF SHALL NOT BE ALLOWED TO DISCHARGE BEYOND THE LIMITS OF THE IMPROVEMENTS. ADDITIONAL MEASURES SHALL BE INSTALLED AS NEEDED.
- 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.
- TREES WITHIN WORKING LIMITS TO BE SAVED, SHALL BE MARKED AS SUCH ON SITE AND PROTECTION FENCE PLACED AROUND EACH TREE.

**SEEDING NOTES:**

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

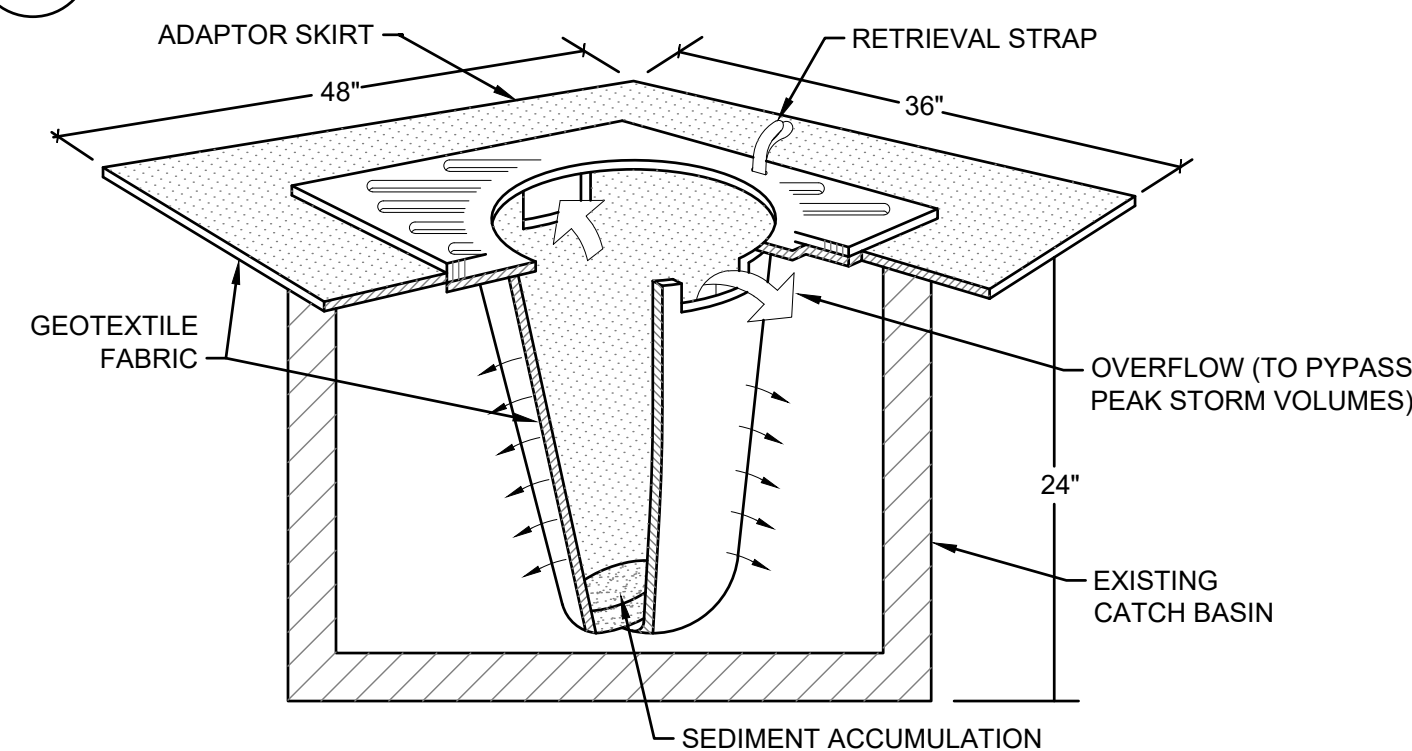
TABLE D.3.2.B TEMPORARY EROSION CONTROL SEED MIX			
	% WEIGHT	% PURITY	% GERMINATION
CHEWINGS OR RED FESCUE FESTUCA FESTUCA VAR. COMMUTATA OR FESTUCA RUBRA	40	98	90
ANNUAL OR PERENNIAL RYE LOLIUM MULTIFLORUM OR LOLIUM PERENNIUM	40	98	90
REDTOP OR COLONIAL BENTGRASS AGROSTIS ALBA OR AGROSTIS TENUIS	10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

- SEED BEDS PLANTED BETWEEN MAY 1 AND OCTOBER 31 WILL REQUIRE IRRIGATION AND OTHER MAINTENANCE AS NECESSARY TO FOSTER AND PROTECT THE ROOT STRUCTURE.
- FOR SEED BEDS PLANTED BETWEEN OCTOBER 31 AND APRIL 30, ARMING OF THE SEED BED WILL BE NECESSARY. (E.G., GEOTEXTILES, JUTE MAT, CLEAR PLASTIC COVERING).
- BEFORE SEEDING, INSTALL NEEDED SURFACE RUNOFF CONTROL MEASURES SUCH AS GRADIENT TERRACES, INTERCEPTOR DIKES, SWALES, LEVEL SPREADERS AND SEDIMENT BASINS.
- THE SEEDBED SHALL BE FIRM WITH A FAIRLY FINE SURFACE, FOLLOWING SURFACE ROUGHENING. PERFORM ALL OPERATIONS ACROSS OR AT RIGHT ANGLES TO THE SLOPE.
- 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**

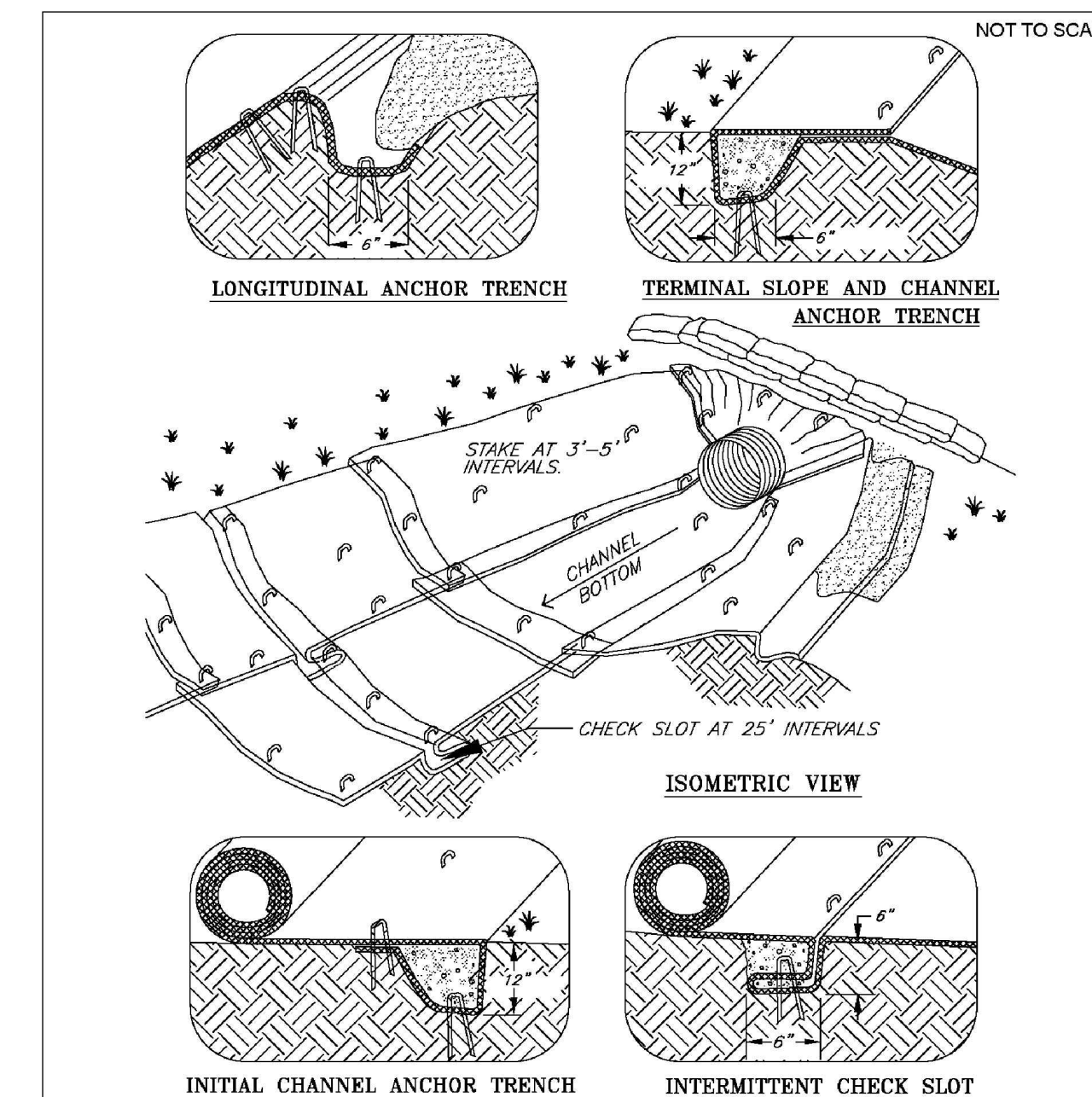
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- NOTES:
- FILTER SOCKS SHALL BE INSPECTED AFTER EACH STORM EVENT AND CLEANED OR REPLACED WHEN 1/3 FULL.
  - INSTALL INLET PROTECTION IN ALL NEW STORM STRUCTURES THAT WILL COLLECT STORMWATER AS THEY ARE INSTALLED.

**4 INLET PROTECTION WITH FILTER SOCK**

NOT TO SCALE



- Notes:
- Check slots to be constructed per manufacturers specifications.
  - Staking or stapling layout per manufacturers specifications.

(Clackamas County et al., 2008)

Channel Installation

Revised July 2016

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**5 OUTLET PROTECTION**

NOT TO SCALE

APPROVED

BY CITY OF PUYALLUP DEVELOPMENT ENGINEERING

DATE 07/01/2024

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253.383.2422 TEL 253.383.2572 FAX [www.ahbl.com](http://www.ahbl.com) WEB

Project Title:

**EAST TOWN CROSSING STREAM RELOCATION**

Client:

ASH DEVELOPMENT

GREG HELLE

GREG.HELLE@ASHNW.COM

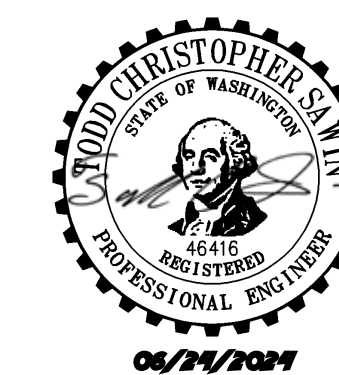
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City of Puyallup Development & Permitting Services ISSUED PERMIT

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Engineering	Public Works
Fire	Traffic

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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

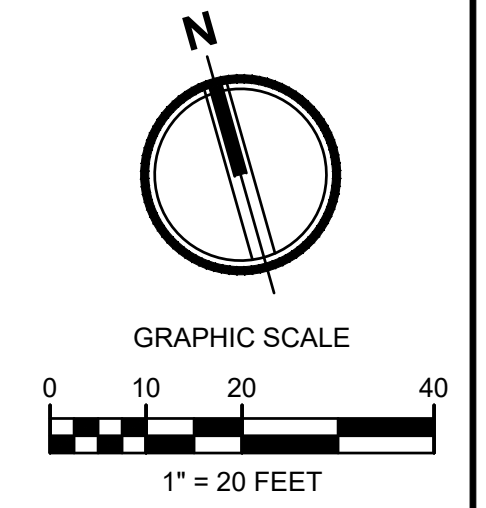
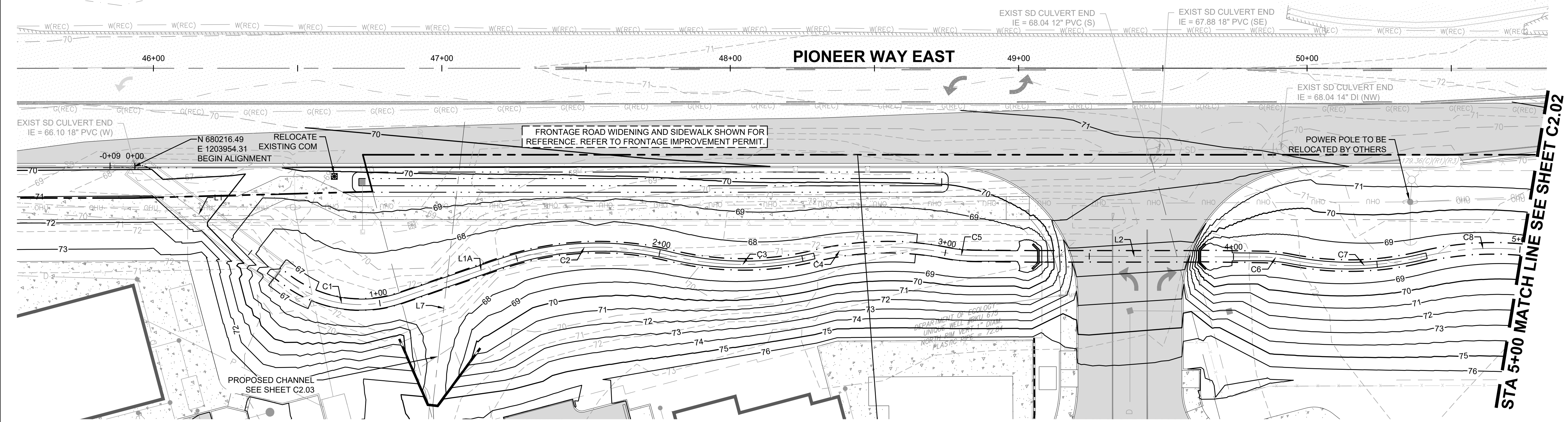


# EAST TOWN CROSSING STREAM RELOCATION

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

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 BY *[Signature]*  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE 07/01/2024

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**EAST TOWN CROSSING STREAM RELOCATION**

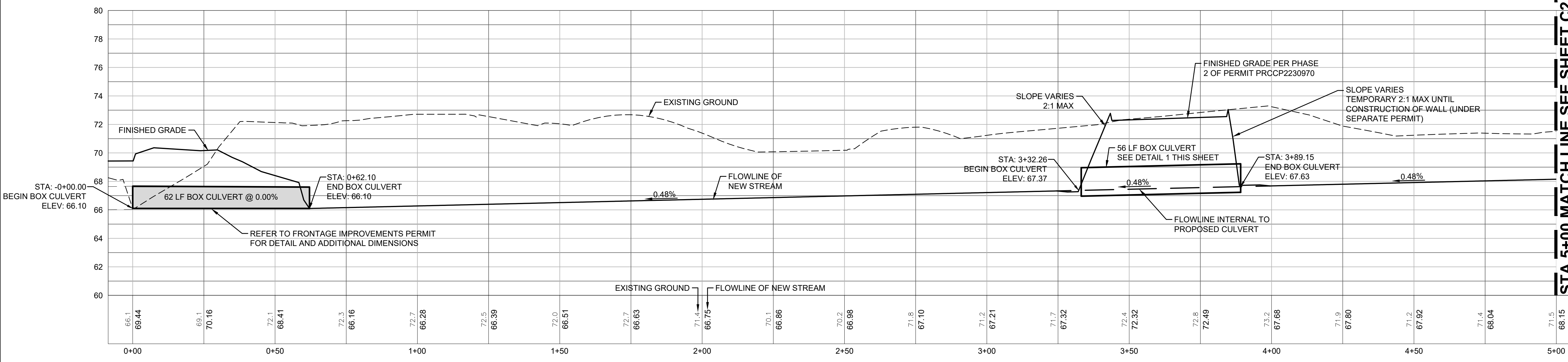
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Project No.  
 2230752

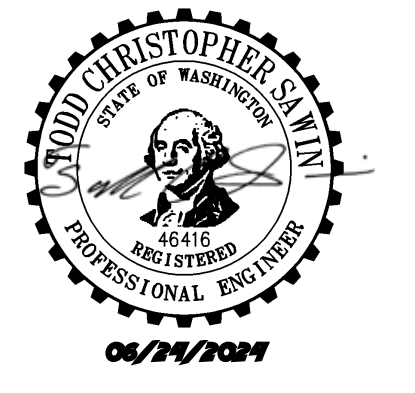
Issue Set & Date:  
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Client Contact:  
 GREG HELLE  
 GREG.HELLE@ASHNW.COM

**STREAM Z - STA 0+00 TO 5+00**



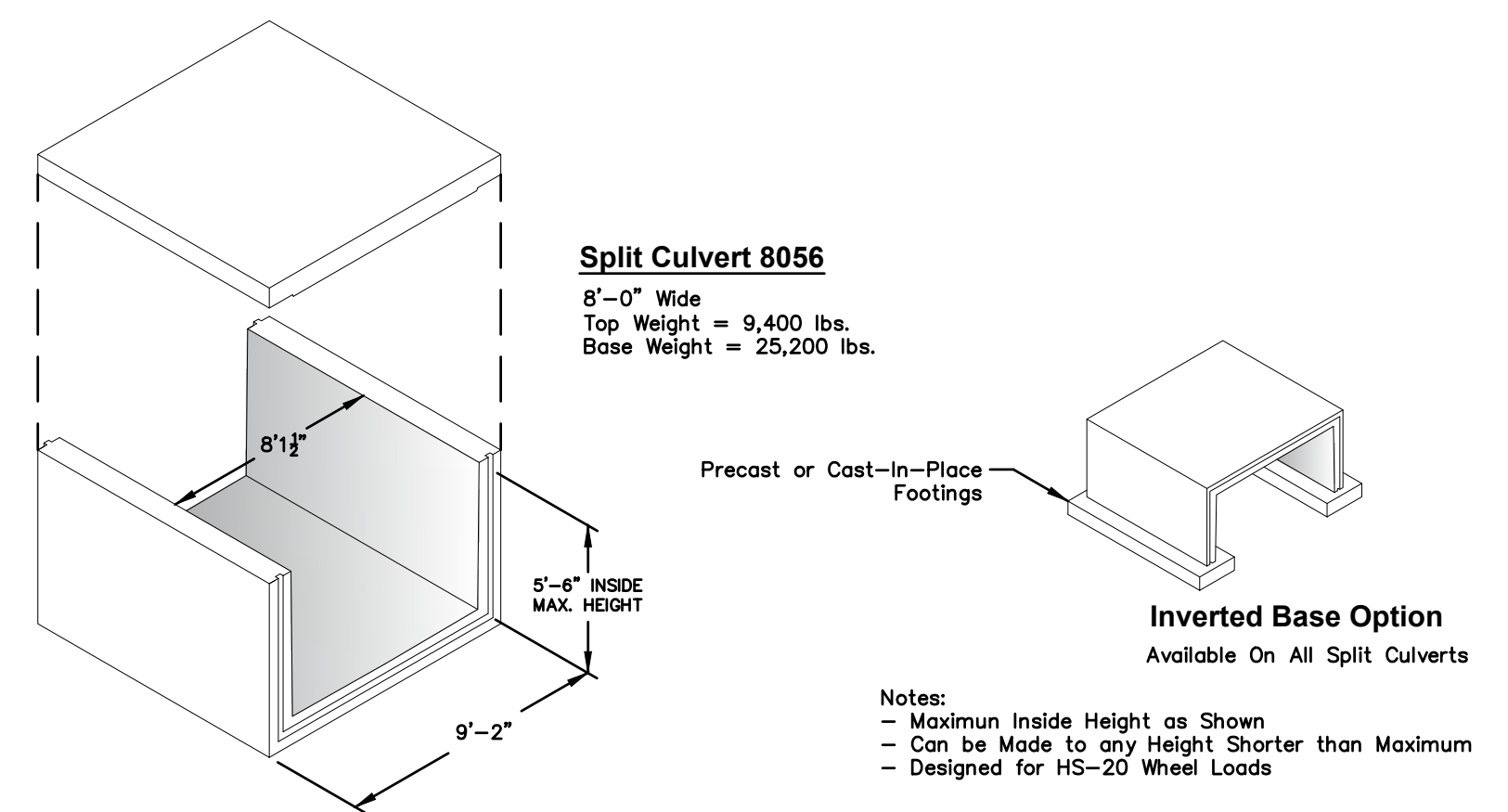
STA 5+00 MATCH LINE SEE SHEET C2.02



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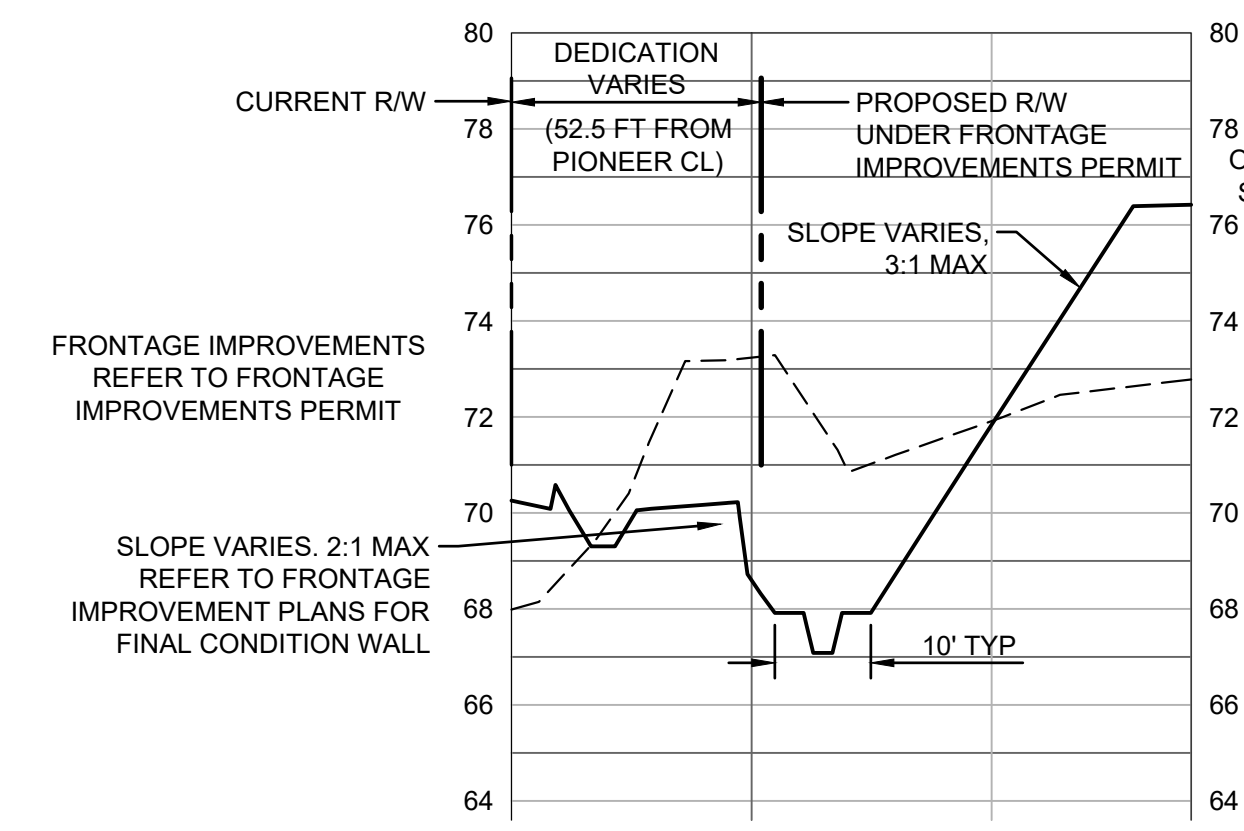
City of Puyallup  
 Development & Permitting Services  
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Building	Planning
Engineering	Public Works
Fire	Traffic



Line #/Curve #	Length	Bearing/Delta	Radius
L1	65.65	S37° 12' 04.77"E	
C1	42.05	56.03	43.00
L1A	35.80	N86° 45' 21.62"E	
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

**STREAM Z ALIGNMENT**



**FINAL CONDITION TYPICAL STREAM SECTION**  
 NOT TO SCALE



 PO Box 323, Wilsonville, Oregon 97070-0323 Tel: (503) 682-2844 Fax: (503) 682-2657 oldcastleprecast.com/wilsonville	<b>SPLIT CULVERT</b> File Name: 020-SPLITCULVERT1-2 Issue Date: 2016	<b>SPLIT CULVERT 8056</b>
	<b>8'W X 2'H INVERTED BASE BOX CULVERT</b>	
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Revisions:

Sheet Title:  
**STREAM PLAN AND PROFILE**

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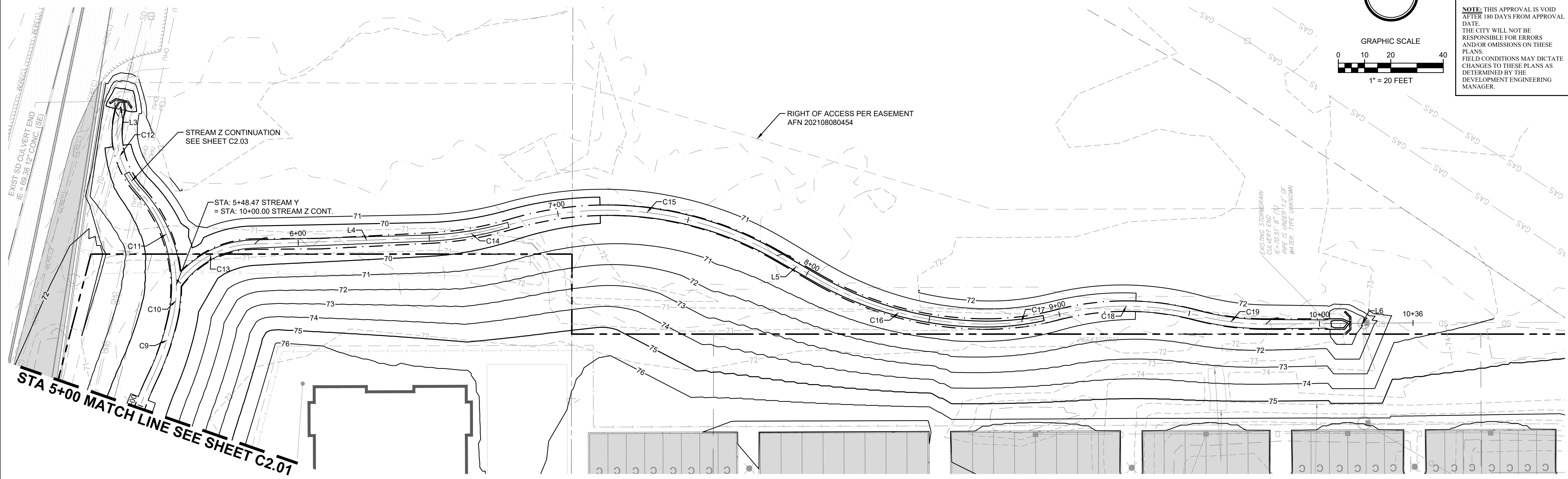
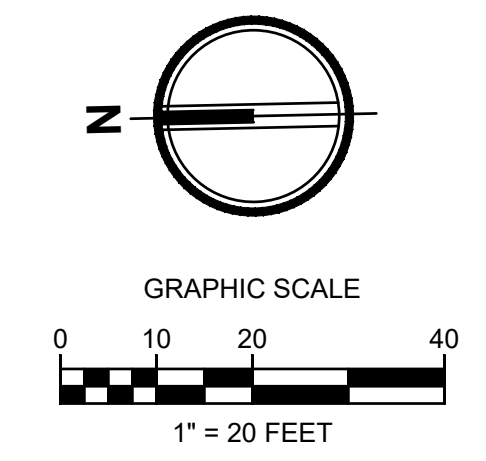
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**C2.01**  
 4 of 6 Sheets



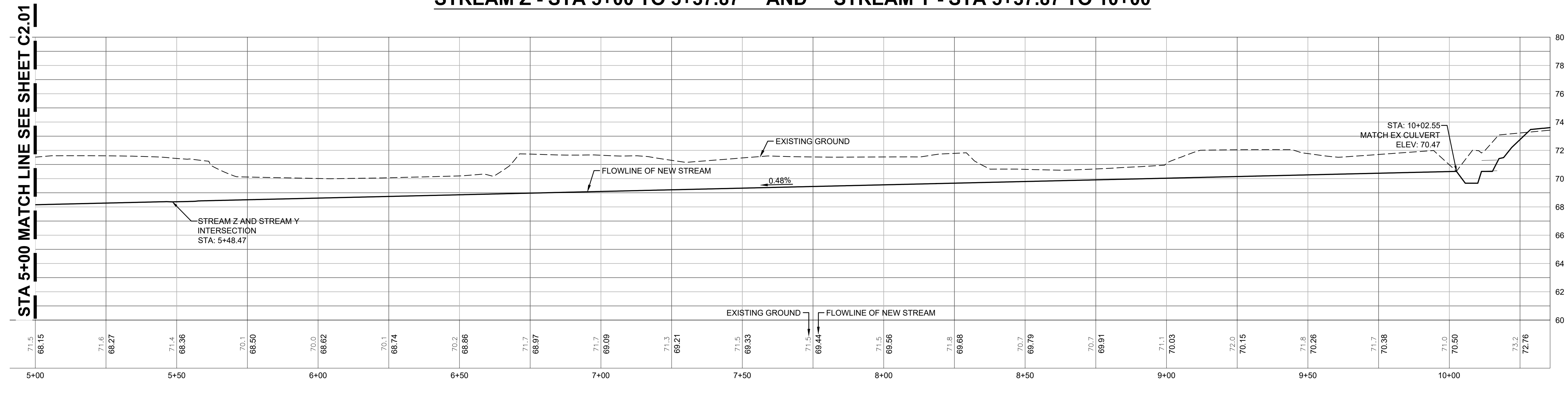
# EAST TOWN CROSSING STREAM RELOCATION

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

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 BY: *[Signature]*  
 CITY OF PUYALLUP  
 DEVELOPMENT ENGINEERING  
 DATE: 07/01/2024  
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 DEVELOPMENT ENGINEERING  
 MANAGER.



### 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	

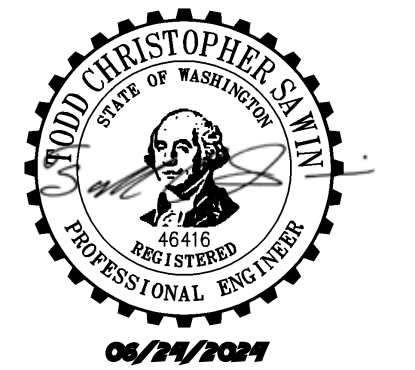
**STREAM Y ALIGNMENT**

Project Title:  
**EAST TOWN  
 CROSSING  
 STREAM  
 RELOCATION**

Client:  
 ASH DEVELOPMENT  
 GREG HELLE  
 GREG.HELLE@ASHNW.COM

Project No.  
 2230752

Issue Set & Date:  
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### STREAM PLAN AND PROFILE

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Sheet No.  
**C2.02**



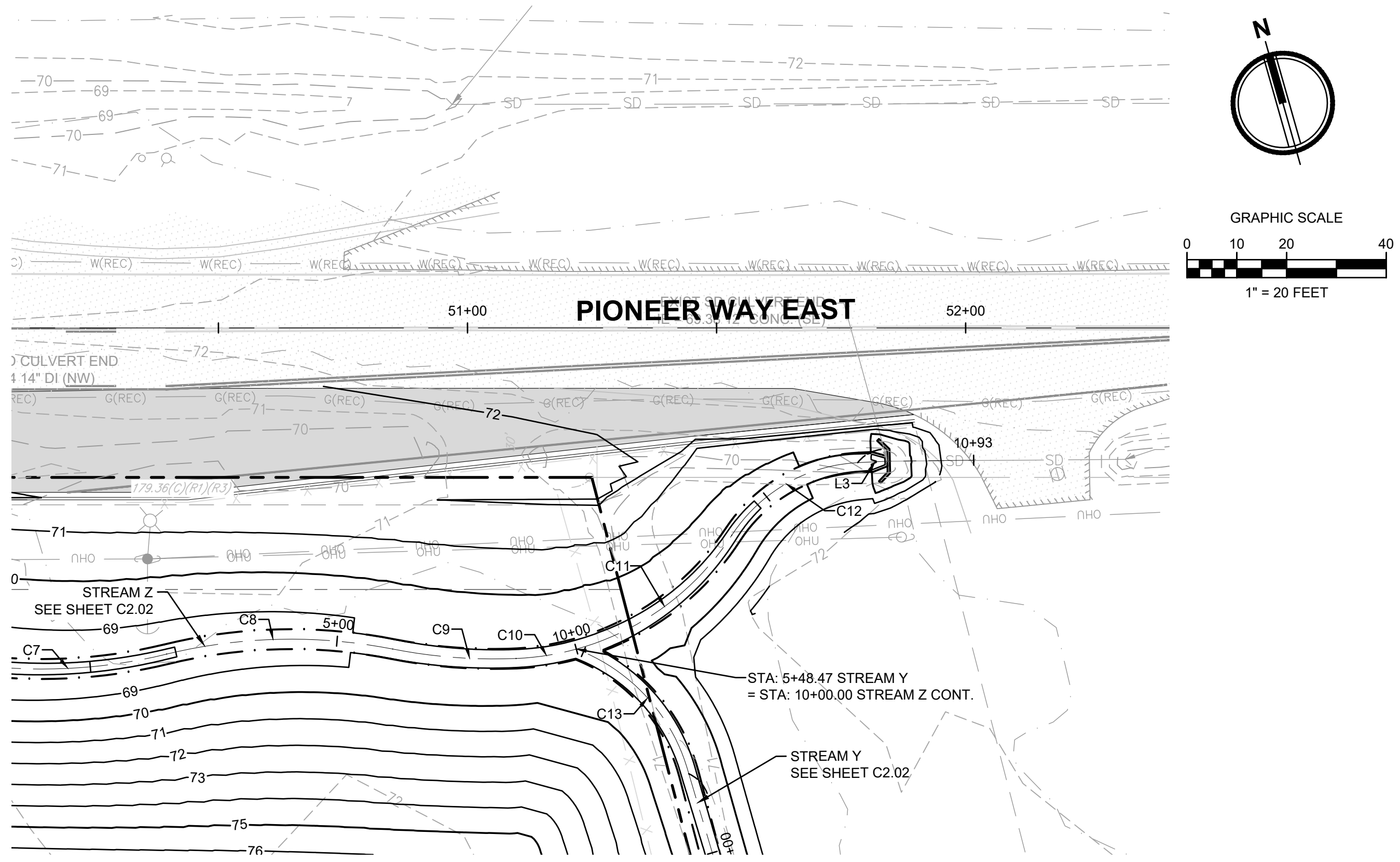


# EAST TOWN CROSSING STREAM RELOCATION

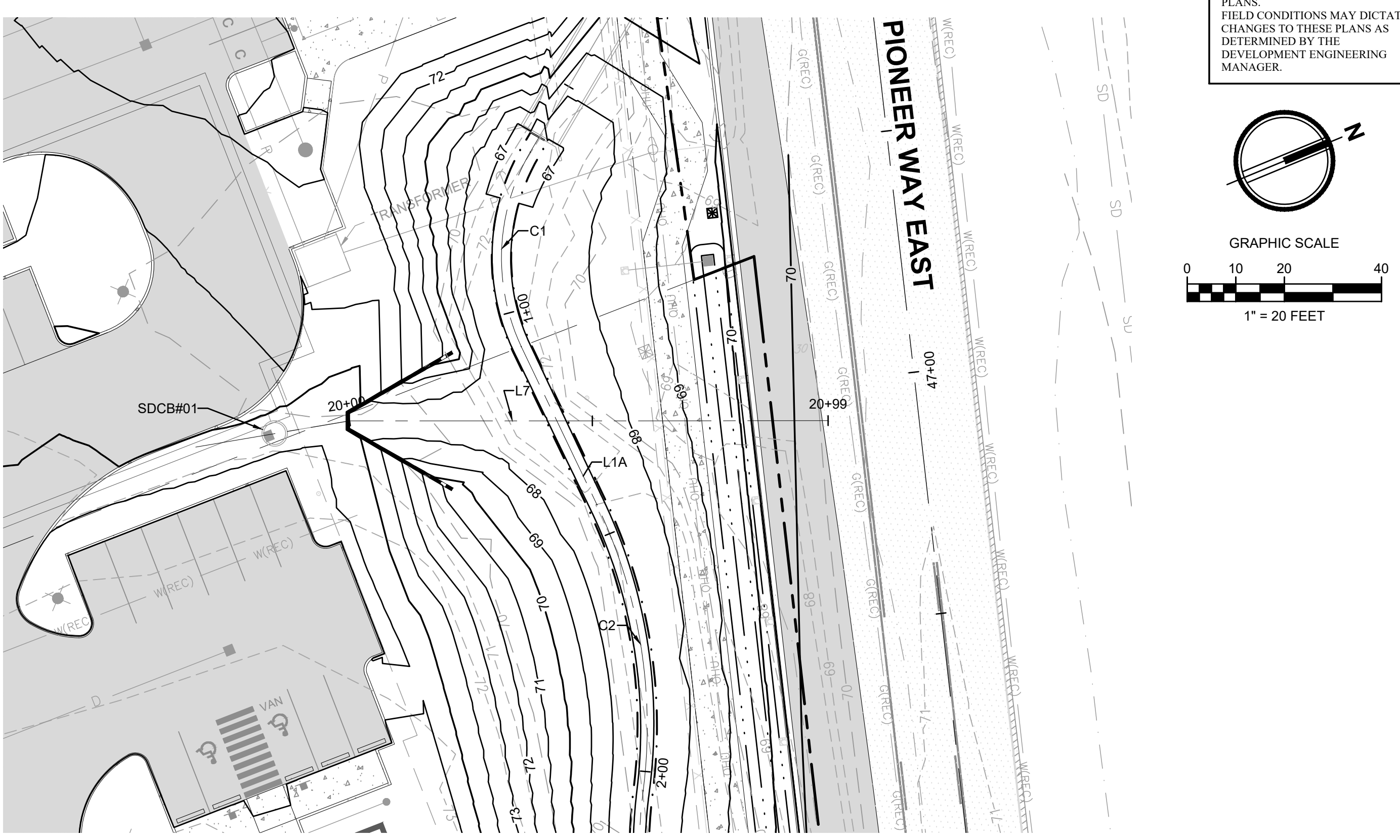
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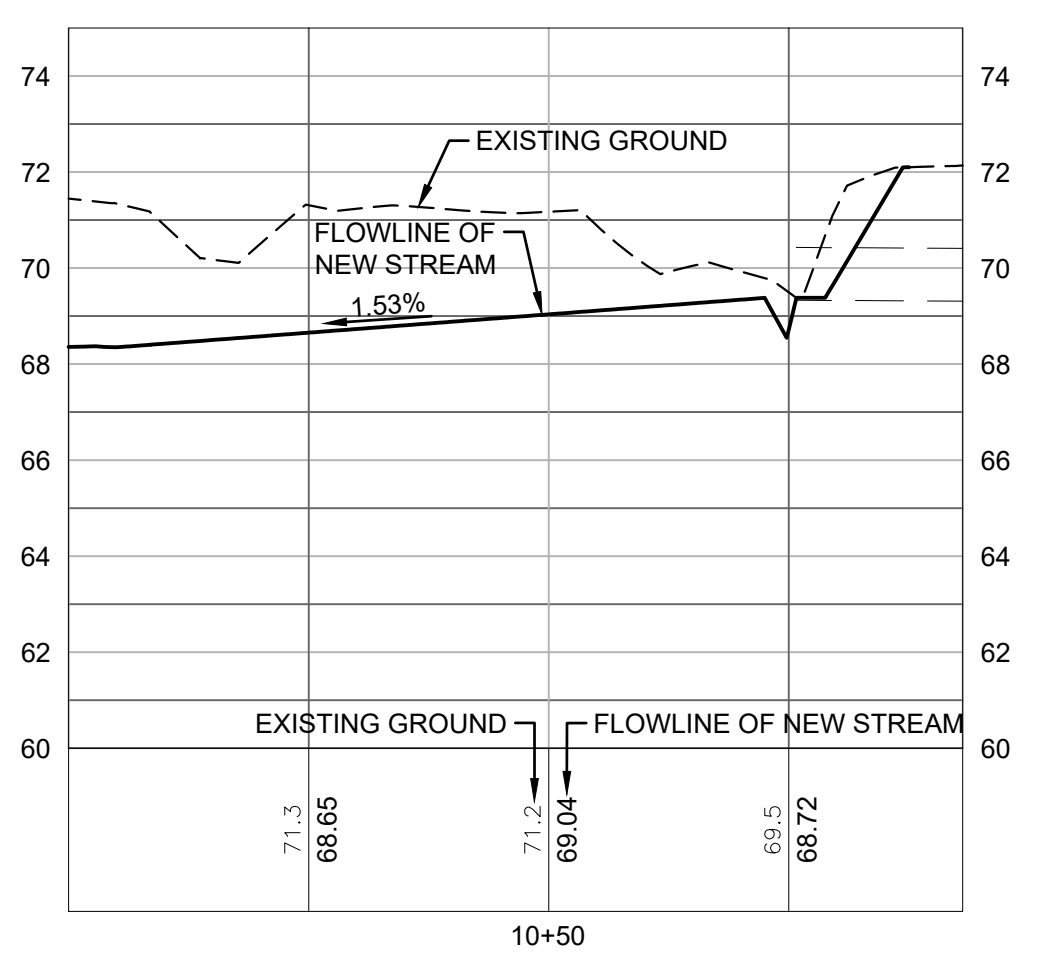
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**STREAM Z CONTINUATION - STA 10+00 TO STA 10+75.78**



**PROPOSED CHANNEL - STA 20+00 TO STA 20+46.13**

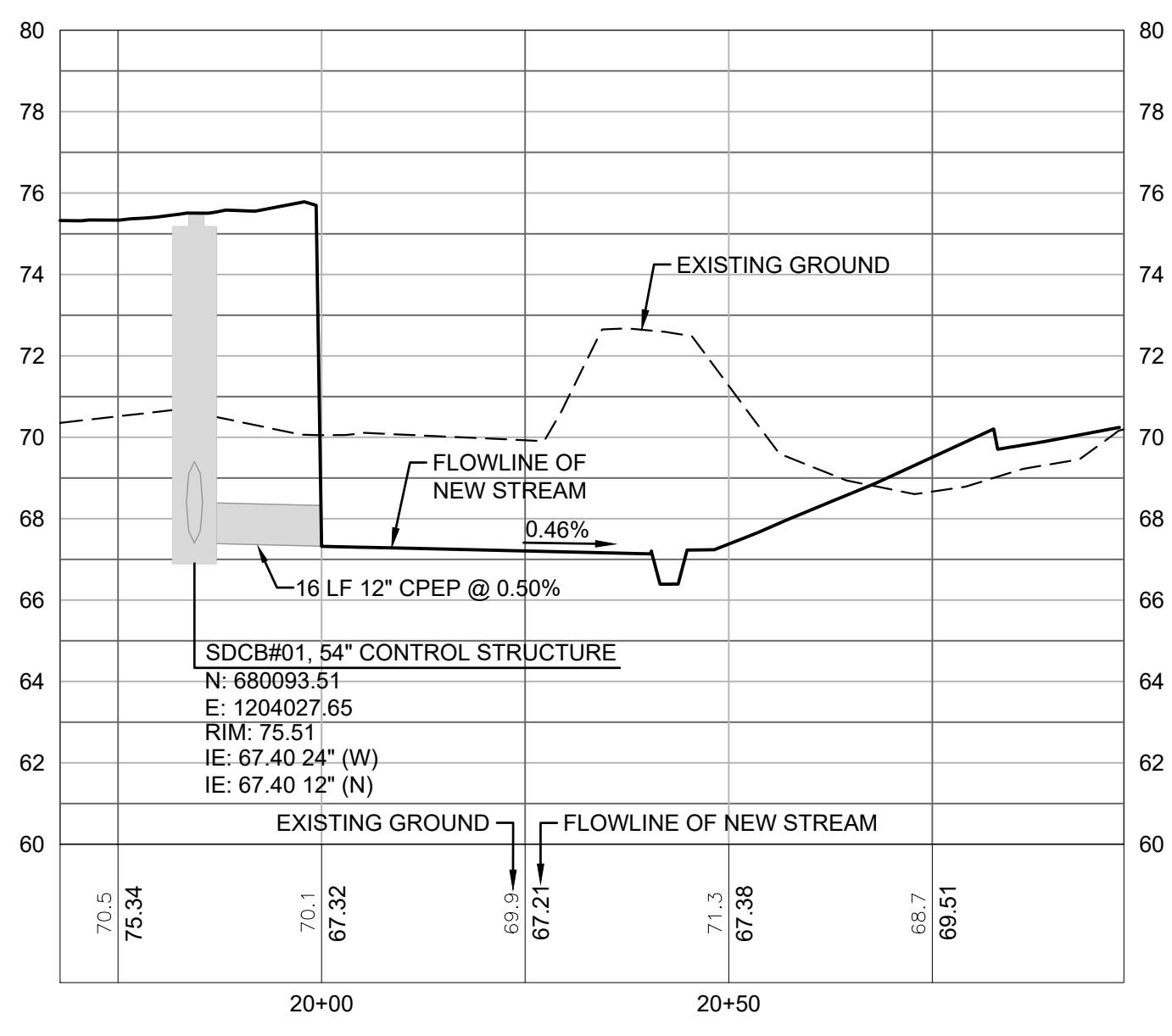


Parcel Line and Curve Table			
Line #/Curve #	Length	Bearing/Delta	Radius
C11	39.55	41.75	54.27
C12	30.32	54.28	32.00
L3	5.92	S76° 56' 13.74"E	

**STREAM Z CONTINUATION ALIGNMENT**

Parcel Line and Curve Table			
Line #/Curve #	Length	Bearing/Delta	Radius
L7	46.13	N22° 19' 44.47"E	

**PROPOSED CHANNEL ALIGNMENT**



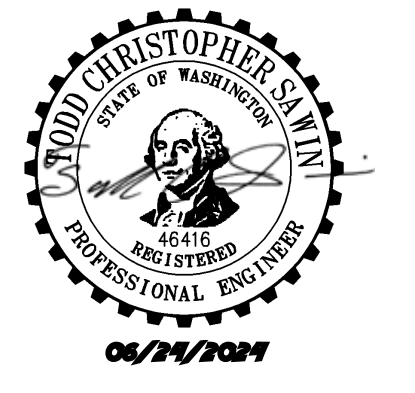
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**EAST TOWN CROSSING STREAM RELOCATION**

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Greg Helle  
 GREG.HELLE@ASHNW.COM



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**C2.03**  
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