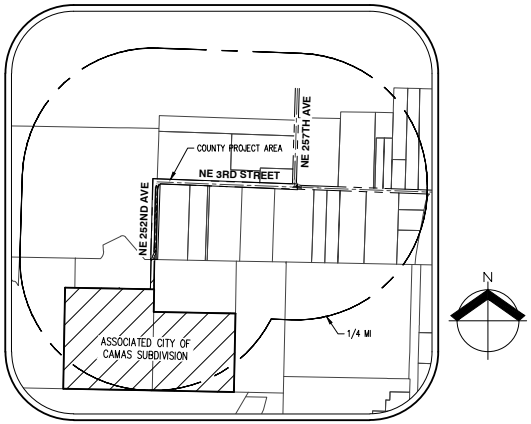
VANS OS TRANSPO IMPROVEMENTS

GRADING AND DRAINAGE PLANS



VICINITY MAP
N.T.S.



SITE MAP
N.T.S.

ENGINEERING CASE	GRD-2025-XXXX
HABITAT CASE	N/A
PLANNING LAND USE CASE	N/A
WETLAND CASE	N/A

DESIGN PROFESSIONAL SHALL COMPLETE ALL LINES:
PROJECT QUANTITIES
N/A = NOT APPLICABLE √ = APPLICABLE

GRADING:
- Onsite Excavation (Cut) Volume (Cubic Yards): 98 CY
- Fill From Off-Site Source (Cubic Yards): 94 CY

CONSTRUCTION INSPECTION DISTURBED AREA
- Disturbed Area (Acres): 0.50 AC

UIC - CLASS V INJECTION WELLS:
- Site Number: N/A
- Site Name: N/A
- Site Address: N/A
- EPA Well Type: N/A
- Well Count: N/A

PUBLIC IMPROVEMENTS	PRIVATE IMPROVEMENTS
☐ Transportation (Arterial & Collector) Sidewalk/Curb Lineal Feet 0 Street Lineal Feet 0	☐ Transportation Sidewalk/Curb Lineal Feet 0 Street Lineal Feet 0
☒ Transportation (Other) Sidewalk/Curb Lineal Feet 0 Street Lineal Feet 775 LF	
☒ Stormwater Facility Type CAVES BMP 17.40	☐ Stormwater Facility Type

SHEET INDEX

C000	COVER SHEET
C001	GENERAL NOTES & LEGEND
C002	EXISTING CONDITIONS
C003	EXISTING CONDITIONS
C050	GRADING, EROSION & SEDIMENT CONTROL PLAN
C100	STREET PLAN NE 252ND AVE
C101	STREET PLAN NE 252ND AVE
C102	STREET PLAN NE 3RD STREET
C500	DETAILS
C501	DETAILS
C502	DETAILS

811 Know what's below. Call before you dig.

APPLICANT
HSR DEV – MILLS, LLC
PARCEL #177885-000
CONTACT: ANDY SWANSON
19120 SE 34TH STREET, #103
VANCOUVER, WA 98683
PH: 503-936-8514
EMAIL: ANDY@HSR-CAPITAL.COM

OWNER
CLARK COUNTY
LACAMAS HERITAGE PROP LLC

GEOTECHNICAL ENGINEER
COLUMBIA WEST ENGINEERING, INC
CONTACT: DANIAL LEHTO, P.E., G.E.
11917 NE 95TH ST
VANCOUVER, WA 98682
PH: 360-823-2900

ENGINEERING/SURVEYING
AKS ENGINEERING & FORESTRY, LLC.
CONTACT: BRYCE HANSON, P.E.
9600 NE 126TH AVENUE, SUITE 2520
VANCOUVER, WA 98682
PH: 360-882-0419
FAX: 360-882-0426
E-MAIL: BRYCEH@AKS-ENG.COM

PROPERTY DESCRIPTION
LOCATED IN THE SW ¼ SEC 26 & SE ¼ SEC 27, TOWNSHIP 2 NORTH, RANGE 3 EAST, WILLAMETTE MERIDIAN, CLARK COUNTY, WASHINGTON.

EXISTING CLARK COUNTY ROW
PARCEL #175259-000

EXISTING LAND USE
COUNTY ROAD, ZONED: AG-20.

ARCHAEOLOGICAL NOTE
IF ANY CULTURAL RESOURCES AND/OR HUMAN REMAINS ARE DISCOVERED IN THE COURSE OF UNDERTAKING THE DEVELOPMENT ACTIVITY, THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION IN OLYMPIA AND CLARK COUNTY COMMUNITY DEVELOPMENT SHALL BE NOTIFIED. FAILURE TO COMPLY WITH THESE STATE REQUIREMENTS MAY CONSTITUTE A CLASS C FELONY, SUBJECT TO IMPRISONMENT AND/OR FINES.

PROJECT PURPOSE
CLARK COUNTY ROAD IMPROVEMENTS PER CCC 40.350.30(B)(6)(b) TO PROVIDE SITE ACCESS TO CITY OF CAMAS SUBDIVISION (VILLAGE AT NORTH SHORE: SUB25-1008).

SITE AREA
±2.358 AC (102,694 SF)

DATUM
VERTICAL DATUM: ELEVATIONS ARE BASED ON CLARK COUNTY BENCHMARK NO. 240, LOCATED AT THE NW CORNER OF HWY SR 500 & 23RD AVENUE. ELEVATION = 213.07 FEET (NGVD 29(47)).

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ENGINEERING • SURVEYING • NATURAL RESOURCES
FORESTRY • PLANNING • LANDSCAPE ARCHITECTURE

VANS OS TRANSPO IMPROVEMENTS
CLARK COUNTY WASHINGTON
NE 1/4, S34, T2N, R3E
#177885-000 #177884-000

COVER SHEET

DESIGNED BY:	MAZ
DRAWN BY:	MAZ
MANAGED BY:	BDH
CHECKED BY:	BDH
DATE: 6/13/2025	

PRELIMINARY NOT FOR CONSTRUCTION

REVISIONS

JOB NUMBER 9095

SHEET C000

AKS DRAWING FILE: 9095 C000 COVERLINE | LAYOUT: C000

GRADING NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE NECESSARY ARRANGEMENTS WITH THE GEOTECHNICAL ENGINEER FOR COMPACTION TESTING AND FOR SUPPLYING THE RESULTS TO THE PROJECT ENGINEER.
2. SITE PREPARATION MUST INCLUDE THE REMOVAL OF VEGETATION, NON-COMPLYING FILL, TOPSOIL, OR OTHER UNSUITABLE MATERIAL PRIOR TO PLACEMENT OF THE FILL.
3. NO CUT OR FILL SHALL EXCEED A GRADE OF 2 HORIZONTAL TO 1 VERTICAL UNLESS APPROVED BEFOREHAND BY THE PROJECT ENGINEER AND THE JURISDICTION.
4. APPROPRIATE BENCHING OF FILLS IS REQUIRED FOR FILLS OVER 5 FEET IN HEIGHT ON SLOPES IN EXCESS OF 5 HORIZONTAL TO 1 VERTICAL. BENCHING MUST BE DONE PER THE GEOTECHNICAL ENGINEERING REQUIREMENTS.
5. CUT AND FILL SLOPES SHALL BE PROTECTED FROM EROSION. SUCH CONTROL MAY CONSIST OF APPROPRIATE REVEGETATION OR OTHER ACCEPTABLE MEANS AND METHODS. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO EARTHWORK OR SITE STRIPPING.
6. THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER AND THE PROJECT GEOTECHNICAL ENGINEER FOR REQUIRED INSPECTIONS AT THE FOLLOWING STAGES OF CONSTRUCTION:
   A. INSPECTION OF SITE STRIPPING, BUT PRIOR TO FILL PLACEMENT. EROSION CONTROL MEASURES SHALL BE IN PLACE AT THIS TIME.
   B. IN PREPARATION OF BENCH CONSTRUCTION PRIOR TO FILL PLACEMENT.
   C. AFTER PLACEMENT OF EACH 500 YARDS OF FILL.
   D. AFTER THE MAJORITY OF FILL HAS BEEN PLACED AND IS IN "ROUGH" GRADE BUT PRIOR TO FINAL GRADING.
   E. WHEN FINAL GRADING IS COMPLETED.
   F. DURING FINAL GRADING, BUT PRIOR TO BASE ROCK AND PAVEMENT CONSTRUCTION.
7. PROJECT GRADING LIMITS SHALL BE WITHIN THE PROJECT'S PROPERTY BOUNDARY AND/OR STREET RIGHT-OF-WAY, UNLESS OTHERWISE SHOWN ON PLANS. NO GRADING SHALL BE CONDUCTED IN WETLANDS OR OTHER ENVIRONMENTALLY SENSITIVE AREAS UNLESS SPECIFICALLY SHOWN ON THE APPROVED PLANS.
8. THE IDENTIFICATION OR REMOVAL OF UNSUITABLE MATERIAL SHALL BE DONE WITH CONSULTATION WITH THE PROJECT GEOTECHNICAL ENGINEER.
9. REMOVE AND DISPOSE OF ALL ORGANIC AND/OR UNSUITABLE MATERIALS, INCLUDING TREES, STUMPS, ROOTS, BRUSH, AND GRASS IN SUCH A MANNER TO MEET ALL APPLICABLE REGULATIONS. ON-SITE DISPOSAL SHALL BE AS DETERMINED BY THE PROJECT ENGINEER OR PROJECT GEOTECHNICAL ENGINEER.
10. THE CONTRACTOR SHALL PROTECT ALL TREES THAT ARE NOT SPECIFICALLY SHOWN TO BE REMOVED ON APPROVED PLANS. ALL TREES TO BE PRESERVED SHALL BE FENCED WITH STANDARD 4' ORANGE CONSTRUCTION FENCING AS SHOWN ON THE GRADING PLANS.
11. GRADE THE SITE TO THE ELEVATIONS SHOWN ON THE DRAWING WITH THE NECESSARY ADJUSTMENTS TO ACCOMMODATE THE FINISHED GRADES AS SPECIFIED. SHAPE FUTURE PAVED AREAS PER THE PLANS TO A SUBGRADE ELEVATION THAT WILL ACCOMMODATE FUTURE BASE ROCK AND PAVING.
12. STRAIGHT GRADES SHALL BE RUN BETWEEN FINISH GRADE AND/OR FINISH CONTOUR LINES SHOWN, UNLESS OTHERWISE NOTED. FINISH GRADES ARE TO DRAIN AS INDICATED ON THE PLANS. ROUGH GRADING SHALL BE FINISHED BY BLADING AND RAKING TO REASONABLE SMOOTH CONTOURS WITH GENTLE TRANSITIONS.
13. AREAS TO RECEIVE FILL MATERIALS SHALL BE PREPARED BY REMOVING ALL ORGANIC AND UNSUITABLE MATERIALS AND PROOF ROLLING. BENCHING IS REQUIRED ON FILLS WHERE THE EXISTING GROUND SLOPE EXCEEDS 5H:1V. BENCHING SHALL BE IN ACCORDANCE WITH PROJECT GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. MATERIAL IN SOFT SPOTS WITHIN FUTURE BUILDING, PAVED OR SIDEWALK AREAS SHALL BE REMOVED TO THE DEPTH REQUIRED (AS DIRECTED BY THE PROJECT ENGINEER OR THE PROJECT GEOTECHNICAL ENGINEER) TO PROVIDE A FIRM FOUNDATION AND SHALL BE REPLACED WITH SUITABLE BACKFILL. ALL FILLS SHALL BE CONSTRUCTED IN HORIZONTAL LIFTS NOT TO EXCEED 8 INCHES LOOSE MEASURE.
14. COMPACTION TESTS AND REPORTS SHALL BE CONDUCTED BY AN APPROVED TESTING LABORATORY. TEST FREQUENCY SHALL BE PER THE PROJECT GEOTECHNICAL ENGINEER. TESTING SHALL COMMENCE WITH FILL ACTIVITIES AND AS A MINIMUM, ONE TEST SHALL BE TAKEN FOR EVERY 500 CUBIC YARDS PLACED OR 2 VERTICAL FEET, WHICHEVER IS LESS. THE PROJECT ENGINEER AND PROJECT GEOTECHNICAL ENGINEER RESERVE THE RIGHT TO REQUEST ADDITIONAL TESTING AT THE CONTRACTOR'S EXPENSE.
15. FINISHED GRADE CONTOURS SHOWN ARE APPROXIMATE FINAL GRADE ELEVATIONS.
16. IF SPRINGS OR GROUNDWATER ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE PROJECT GEOTECHNICAL ENGINEER AND PROJECT ENGINEER OF THE CONDITIONS FOUND AND COORDINATE HIS ACTIVITIES IN A MANNER THAT WILL ALLOW TIME TO REVIEW THE SITUATION AND PREPARE A PLAN TO PROPERLY MITIGATE THE WATER ENCOUNTERED.
17. ALL CUT AND FILL AREAS SHALL BE STRIPPED OF SOD AND OTHER NON-STRUCTURAL MATERIAL (DEPTH TO BE DETERMINED BY PROJECT GEOTECHNICAL ENGINEER).
18. CONTRACTOR SHALL COORDINATE WITH PROJECT ENGINEER/OWNER REGARDING CLEAN STRIPPING STOCKPILING AND SPREADING EVENLY OVER SURFACES NOT RECEIVING A HARD, DURABLE SURFACE (PAVEMENT, ETC.) UPON COMPLETION OF FINAL GRADING. THE STRIPPING REDISTRIBUTION SHALL NOT EXCEED 6-INCHES IN DEPTH, UNLESS OTHERWISE DIRECTED BY OWNER AND PROJECT ENGINEER. STRIPPINGS SHALL BE FREE OF VEGETATION, ROCKS, AND TREE ROOTS. NO STRIPPINGS SHALL BE PLACED ON AREAS STEEPER THAN 5H:1V. EXCESS STRIPPINGS SHALL BE DISPOSED OF OFF-SITE, AS APPROVED BY OWNER AND PROJECT ENGINEER.
19. ALL GRADING SHALL BE IN CONFORMANCE WITH CHAPTER 33 OF THE CURRENT INTERNATIONAL BUILDING CODE (IBC).
20. ALL STRUCTURAL FILL SHALL MEET THE REQUIREMENTS OF THE PROJECT GEOTECHNICAL ENGINEER, GEOTECHNICAL REPORT, AND THE JURISDICTION. ENGINEERED FILL SHOULD BE COMPACTED IN HORIZONTAL LIFTS NOT EXCEEDING 8-INCHES USING STANDARD COMPACTION EQUIPMENT. THE MINIMUM COMPACTION SHALL BE 95% OF THE MAXIMUM DRY DENSITY DETERMINED BY ASTM D698 (STANDARD PROCTOR) OR EQUIVALENT. FIELD DENSITY TESTING SHALL CONFORM TO ASTM D2922 AND D3017, OR D1556.
21. CONTOURS REPRESENT TOP OF PAVEMENT GRADES IN PAVED AREAS AND FINISHED GRADE (TOP OF CUT SURFACE/STRUCTURAL FILL SURFACE) IN ALL OTHER AREAS.
22. ALL GRADING ACTIVITIES SHALL BE COMPLETED PER THE GEOTECHNICAL ENGINEERING REPORT AND AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
23. CONTRACTOR SHALL DOCUMENT KEYWAY SUBDRAIN LOCATIONS AND PROVIDE TO THE PROJECT ENGINEER TO BE INCLUDED IN AS-BUILT PLANS.

NOTES REFERENCE

SEE ECN1 AND ENC2 ON PAGE C501 FOR CLARK COUNTY STANDARD NOTES ON EROSION CONTROL PLAN

GENERAL EROSION PREVENTION & SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND IN WORKING CONDITION PRIOR TO ANY LAND DISTURBING ACTIVITY INCLUDING CLEARING OR GRADING. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE APPROVED BY THE CITY EROSION SPECIALIST PRIOR TO THE COMMENCEMENT OF WORK. AN ON-SITE INSPECTION SHALL BE REQUESTED WHEN EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AND PRIOR TO COMMENCEMENT OF WORK. ONCE APPROVED, THE SITE MUST BE MAINTAINED THROUGH THE LIFE OF THE PROJECT, AS SHOWN ON THE PLANS. ADDITIONAL MEASURES MAY BE REQUIRED TO MEET THE PROVISIONS OF CLARK COUNTY EROSION PREVENTION AND SEDIMENT CONTROL ORDINANCE CCC 40.386
2. EROSION AND SEDIMENT CONTROL BMPS SHALL BE SITED, DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS IN THE 2015 CLARK COUNTY STORMWATER MANUAL.
3. THE DEVELOPER AND/OR OWNER IS RESPONSIBLE FOR MAINTAINING EROSION PREVENTION AND SEDIMENT CONTROL BMPS DURING AND AFTER INSTALLATION OF ALL UTILITY WORK ASSOCIATED WITH UTILITY TRENCHES.
4. THE CONTRACTOR SHALL NOT ALLOW SEDIMENT OR DEBRIS TO ENTER NEW OR EXISTING PIPES OR INFILTRATION SYSTEMS. IF THIS OCCURS, THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT FROM THE STORM PIPES IMMEDIATELY. FINAL ACCEPTANCE WILL NOT BE ISSUED BY CLARK COUNTY UNTIL THIS OCCURS.
5. PRIOR TO LEAVING A CONSTRUCTION SITE OR PRIOR TO DISCHARGING INTO AN INFILTRATION SYSTEM, SEDIMENT-LADEN WATER SHALL PASS THROUGH A SEDIMENT POND, TRAP, OR OTHER APPROVED BMP SYSTEM.
6. ALL EXPOSED AND UNWORKED SOILS SHALL BE STABILIZED BY THE APPROPRIATE BEST MANAGEMENT PRACTICES (BMPS). FROM OCTOBER 1 TO APRIL 30, NO SOILS SHALL BE EXPOSED AND UNWORKED FOR MORE THAN TWO (2) DAYS. FROM MAY 1 TO SEPTEMBER 30, NO SOILS SHALL BE EXPOSED AND UNWORKED FOR MORE THAN SEVEN (7) DAYS.
7. SOIL STOCKPILES SHALL BE STABILIZED FROM EROSION, PROTECTED WITH SEDIMENT TRAPPING MEASURES, AND WHEN POSSIBLE, BE LOCATED AWAY FROM STORM DRAIN INLETS, WATER WAYS AND DRAINAGE CHANNELS.
8. CONSTRUCTION ROADS AND PARKING AREAS SHALL BE STABILIZED WHEREVER THEY ARE CONSTRUCTED, WHETHER PERMANENT OR TEMPORARY, FOR THE USE OF CONSTRUCTION TRAFFIC.
9. IF THE BMPS APPLIED TO A SITE ARE INSUFFICIENT TO PREVENT SEDIMENT FROM REACHING WATER BODIES, ADJACENT PROPERTIES, STORM FACILITIES OR PUBLIC RIGHT-OF-WAY, THEN THE COUNTY SHALL REQUIRE ADDITIONAL BMPS.
10. IF THE COUNTY INSPECTOR OR ENGINEER(S) HAS EVIDENCE OF POOR CONSTRUCTION PRACTICES OR IMPROPER EROSION PREVENTION BMPS, CITATIONS AND/OR A STOP WORK ORDER SHALL BE ISSUED UNTIL PROPER MEASURES HAVE BEEN TAKEN AND APPROVED BY CLARK COUNTY.

PROTECTION OF ADJACENT PROPERTIES, ROADS/STREETS AND PAVED SURFACES

11. IF SEDIMENT, MUD OR DEBRIS IS TRANSPORTED ONTO A PAVED SURFACE OR ROADWAY, THE PAVED SURFACE OR ROADWAY SHALL BE THOROUGHLY CLEANED WITH HIGH EFFICIENCY STREET SWEEPERS AT THE END OF EACH WORKDAY, OR MORE OFTEN IF NECESSARY. PUBLICLY TRAVELED PAVED SURFACES NEED TO BE CLEANED IMMEDIATELY. SIGNIFICANT SOIL DEPOSITS SHALL BE REMOVED FROM ROADS BY SHOVELING AND SWEEPING. STREET WASHING IS NOT ALLOWED UNLESS APPROVED BY THE DIRECTOR AND ONLY AFTER SEDIMENT IS REMOVED IN THE MANNER DESCRIBED ABOVE. MECHANICAL BROOM SWEEPERS ARE NOT ALLOWED.
12. SLURRY AND CUTTINGS SHALL BE VACUUMED DURING CUTTING AND SURFACING OPERATIONS. COLLECTED SLURRY AND CUTTINGS SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT VIOLATE GROUNDWATER OR SURFACE WATER QUALITY STANDARDS.
13. A WHEEL WASH MAY BE REQUIRED IF CONSTRUCTION ENTRANCE IS NOT SUFFICIENT IN PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT. WHEEL WASH SHALL BE PER CLARK COUNTY DETAIL E1 AND THE STORMWATER MANUAL.

MAINTENANCE OF EROSION PREVENTION AND SEDIMENT CONTROL BMPS

14. ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPS SHALL BE REGULARLY INSPECTED AND MAINTAINED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
15. THE CONTRACTOR/CESCL SHALL MAINTAIN AND HAVE ON-SITE A WRITTEN LOG OF EROSION PREVENTION AND SEDIMENT CONTROL BMP MAINTENANCE.
16. ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER SITE STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BMPS ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED PER THE STORMWATER MANUAL.

DUST CONTROL

17. IN AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST, REFER TO THE STORMWATER MANUAL FOR DUST CONTROL BMPS.

TEMPORARY SEEDING

18. EXPOSED SURFACES THAT WILL NOT BE BROUGHT TO FINAL GRADE OR GIVEN A PERMANENT COVER TREATMENT WITHIN 30 DAYS OF THE EXPOSURE SHALL HAVE SEED MIX AND MULCH PLACED TO STABILIZE THE SOIL AND REDUCE EROSION SEDIMENTATION. SEEDED AREAS SHALL BE CHECKED REGULARLY TO ASSURE A GOOD STAND OF GRASS IS BEING MAINTAINED. AREAS THAT FAIL TO ESTABLISH VEGETATION COVER ADEQUATE TO PREVENT EROSION WILL BE RESEEDED AS SOON AS SUCH AREAS ARE IDENTIFIED.
19. AN APPROVED TEMPORARY SEEDING MIXTURE SHALL BE APPLIED TO THE PREPARED SEED BED AT A RATE OF 120 LBS/ACRE. NOTE: "HYDROSEEDING" APPLICATIONS WITH APPROVED SEED-MULCH-FERTILIZER MIXTURES MAY ALSO BE USED.
20. PERMANENT STORM WATER FACILITIES SHALL BE ISOLATED AND PROTECTED FROM SEDIMENTATION WITH AN APPROVED BMP.

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CLARK COUNTY CODE (CCC), CLARK COUNTY STREET AND ROAD STANDARDS (CCSRS), CLARK COUNTY STANDARD DETAILS MANUAL (CCSDM). IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT AND THE PROFESSIONAL CIVIL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR VARIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS.
2. APPROVAL OF ROADWAYS, GRADING, EROSION CONTROL AND DRAINAGE PLAN BY CLARK COUNTY DOES NOT CONSTITUTE AN APPROVAL OF ANY OTHER CONSTRUCTION (E.G., DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.).
3. BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRE-CONSTRUCTION MEETING MUST BE HELD BETWEEN THE DEPARTMENT OF COMMUNITY DEVELOPMENT, ENGINEERING SERVICES (DCDES) CONSTRUCTION INSPECTION SECTION OF THE ENGINEERING SERVICES DIVISION, THE APPLICANT, AND THE APPLICANT'S CONSULTING ENGINEER AND CONSTRUCTION REPRESENTATIVES.
4. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
5. CONSTRUCTION NOISE SHALL BE LIMITED IN ACCORDANCE WITH THE NUISANCE ORDINANCE CCC 9.14.010(3); NORMALLY, THIS IS 7A.M. TO 10 P.M. SEVEN DAYS A WEEK.
6. IT SHALL BE THE APPLICANT'S/CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONSTRUCTION EASEMENTS AND/OR RIGHT OF ENTRIES PRIOR TO CONSTRUCTION WORK.
7. ALL FRANCHISED UTILITIES (I.E. GAS, ELECTRIC, PHONE) OR OTHER INSTALLATIONS THAT ARE NOT SHOWN ON THESE APPROVED PLANS SHALL NOT BE CONSTRUCTED UNLESS AN APPROVED SET OF PLANS THAT MEETS ALL REQUIREMENTS OF CCSRS (CCC 40.350.030) IS SUBMITTED TO THE DCDES CONSTRUCTION INSPECTION SECTION THREE DAYS PRIOR TO CONSTRUCTION.
8. DATUM SHALL BE CLARK COUNTY DATUM NGVD 1929(47) UNLESS OTHERWISE APPROVED BY DCDES.
9. ALL UTILITY TRENCHES SHALL BE BACKFILLED AND COMPACTED TO 95 PERCENT MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99, WITHIN THE ROADWAY PRISM (CCC40.350.030(C)(4)(E)).
10. ALL ROADWAY SUBGRADE WITHIN THE ROADWAY PRISM SHALL BE BACKFILLED AND COMPACTED TO 95 PERCENT MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99 (WSDOT 2-06.3).
11. OPEN CUTTING OF EXISTING ROADWAYS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY DCDES AND NOTED ON THESE APPROVED PLANS. ANY OPEN CUT SHALL BE RESTORED IN ACCORDANCE WITH CLARK COUNTY CODE (SEE STANDARD TRENCH RESTORATION NOTES OF STANDARD DETAILS MANUAL).
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. SECTION 1-07.23, "TRAFFIC CONTROL," OF THE WSDOT STANDARD SPECIFICATIONS SHALL APPLY IN ITS ENTIRETY.
13. STORM DRAIN, EROSION CONTROL, TRENCH RESTORATION, GRADING, AND SIGNING & STRIPING GENERAL NOTES PER STANDARD PLANS D1.0, ECN1 AND UGN RESPECTIVELY ARE MADE PART OF THESE NOTES, AND ARE TO BE INCLUDED IN THE CONSTRUCTION PLAN SET.
14. **IF ANY CULTURAL RESOURCES AND/OR HUMAN REMAINS ARE DISCOVERED IN THE COURSE OF UNDERTAKING THE DEVELOPMENT ACTIVITY, THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION IN OLYMPIA AND CLARK COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT SHALL BE NOTIFIED. FAILURE TO COMPLY WITH THESE STATE REQUIREMENTS MAY CONSTITUTE A CLASS C FELONY, SUBJECT TO IMPRISONMENT AND/OR FINES.**

MISCELLANEOUS NOTES

1. THE LOCATIONS, DEPTH AND DESCRIPTION OF EXISTING UTILITIES SHOWN ARE COMPILED FROM AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. ADDITIONAL UTILITIES MAY EXIST WITHIN THE WORK AREA.
2. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND SHOWN FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED PRIOR TO COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ADDITIONAL UNDERGROUND UTILITIES MAY EXIST.
3. CONTRACTOR MUST VERIFY ALL EXISTING UTILITIES FOR BOTH VERTICAL ELEVATION AND HORIZONTAL LOCATION PRIOR TO START OF WORK (POTHOLE BEFORE DIGGING IF NECESSARY). IF THE CONTRACTOR PROCEEDS WITH UTILITY INSTALLATION WITHOUT FIRST VERIFYING EXISTING UTILITY LOCATIONS AND POTENTIAL CONFLICTS, ANY REDESIGN OR RELOCATION OF FACILITIES SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. CHANGES MUST BE APPROVED BY THE PROJECT ENGINEER AND CITY IN ADVANCE OF WORK. CONTRACTOR SHALL COORDINATE THE WORK WITH UTILITY AGENCIES.
4. CONTRACTOR SHALL MAINTAIN BENCHMARKS, PROPERTY CORNERS, MONUMENTS, AND OTHER REFERENCE POINTS. IF SUCH POINTS ARE DISTURBED OR DESTROYED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND PAY FOR THEIR REPLACEMENT BY EMPLOYING A PROFESSIONAL LAND SURVEYOR TO RESET PROPERTY CORNERS AND OTHER SUCH MONUMENTS.
5. PRIOR TO FINAL ACCEPTANCE AND PAYMENT, THE CONTRACTOR SHALL CLEAN THE WORK SITE AND ADJACENT AREAS OF ANY DEBRIS, DISCARDED ASPHALTIC CONCRETE MATERIAL, OR OTHER ITEMS DEPOSITED BY THE CONTRACTOR'S PERSONNEL DURING THE PERFORMANCE OF THIS CONTRACT.
6. TRAFFIC CONTROL DEVICES, FLAG PERSONS, ETC., SHALL BE IN PLACE PRIOR TO INITIATION OF CONSTRUCTION WORK AND SHALL BE EFFECTIVELY MAINTAINED.
7. PROJECT ENGINEER RESERVES THE RIGHT TO ADJUST GRADES OR ALIGNMENT TO ACCOMMODATE OTHER UTILITIES AS REQUIRED; SUCH ADJUSTMENTS OR REVISIONS SHALL BE REVIEWED BY CLARK COUNTY STAFF AND APPROVED PRIOR TO COMMENCEMENT OF WORK.
8. PIPE LENGTHS SHOWN ARE APPROXIMATE, FINAL LENGTHS TO BE DETERMINED BY FIELD CONDITIONS.
9. PROPERTY AND RIGHT-OF-WAY LINES SHOWN ARE APPROXIMATE. THESE PLANS ARE NOT MEANT TO SERVE BOUNDARY SURVEY PURPOSES.
10. ANY INSPECTION/OBSERVATION BY THE PROJECT ENGINEER OR PROJECT INSPECTORS SHALL NOT, IN ANY WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN COMPLIANCE WITH THE APPLICABLE CODES, REGULATIONS, CLARK COUNTY STANDARDS, ENGINEERING PLANS, AND PROJECT CONTRACT DOCUMENTS.
11. ALL CONSTRUCTION WITHIN CLARK COUNTY RIGHT-OF-WAY SHALL HAVE AN APPROVED TRAFFIC CONTROL PLAN AND RIGHT-OF-WAY PERMIT PRIOR TO ANY ON-SITE CONSTRUCTION ACTIVITY.
12. PAVING WILL NOT BE ALLOWED DURING WET OR COLD WEATHER, PER WSDOT SPECIFICATIONS.
13. ANY SIGNIFICANT DEVIATIONS FROM THE PLANS WILL REQUIRE A REQUEST FROM THE APPLICANT'S ENGINEER AND APPROVAL FROM THE COUNTY'S ENGINEER AND COUNTY INSPECTOR.
14. ALL PAVEMENT SHALL BE STRAIGHT CUT PRIOR TO PAVING. EXISTING PAVEMENT SHALL BE REMOVED AS NECESSARY TO PROVIDE A SMOOTH TRANSITION FOR BOTH RIDE AND DRAINAGE.
15. SUBGRADE PREPARATION DURING WET OR WINTER TIME CONSTRUCTION IS USUALLY/OFTEN NOT FEASIBLE. A WET OR WINTER TIME PLAN SHALL BE SUBMITTED TO CLARK COUNTY STAFF FOR REVIEW AND APPROVAL IF THE CONTRACTOR PLANS TO COMMENCE WITH CONSTRUCTION DURING WET WEATHER CONDITIONS. IF PAVING FROM OCTOBER 15TH TO MARCH 30TH, A WET WEATHER SUBGRADE PREPARATION PLAN IS REQUIRED. THE SUBGRADE MUST BE OVER EXCAVATED AND A GEOTEXTILE LINER USED. THE INSPECTOR SHALL APPROVE A COMPLETE PROOF ROLL TEST ON BOTH SIDES OF THE STREET.
16. CONTRACTOR SHALL REPORT ALL DAMAGES IMMEDIATELY TO THE COUNTY'S CONSTRUCTION SERVICES OFFICE AT (360) 487-7750 OR CONTACT THE INSPECTOR ON THE JOB.
17. THE PROJECT ENGINEER MUST BE NOTIFIED OF ALL CONSTRUCTION MODIFICATIONS. PRIOR APPROVAL MUST BE PROVIDED BY THE PROJECT ENGINEER BEFORE MODIFICATIONS TO THE APPROVED DESIGN ARE INITIATED.
18. THE CONTRACTOR SHALL TAKE NO ADVANTAGE OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES IN THE PLANS. WHEN ERRORS, OMISSIONS, OR DISCREPANCIES ARE FOUND, THE ENGINEER SHALL BE NOTIFIED. WORK PERFORMED BY THE CONTRACTOR AS A RESULT OF AN ERROR, OMISSION, OR DISCREPANCY IN THE PLANS SHALL BE AT THE CONTRACTOR'S RISK AND EXPENSE WHEN SUCH ERROR, OMISSION, OR DISCREPANCY HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
19. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET THE INTENT OF THE PROJECT CONTRACT DOCUMENTS, APPLICABLE AGENCY REQUIREMENTS, AND OTHER WORK AS NECESSARY TO PROVIDE A COMPLETE PROJECT.
20. THESE PLANS ASSUME THAT CONSTRUCTION STAKING WILL BE NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN. AKS ENGINEERING & FORESTRY LLC. DOES NOT ACCEPT ANY RESPONSIBILITY FOR ITEMS CONSTRUCTED INCORRECTLY BASED ON MISINTERPRETATIONS OF THESE PLANS.
21. UTILITIES SHOWN ARE DRAWN SCHEMATICALLY. UTILITY PLANS MAY NOT REFLECT THE ACTUAL SPACING AND HORIZONTAL/VERTICAL LOCATIONS OF NEW OR EXISTING UTILITIES. PLANS DO NOT SHOW ALL BENDS, REDUCERS, WYES, GASKETS, CLEANOUTS, FITTINGS, AND STRUCTURES. CONTRACTOR IS RESPONSIBLE FOR MATERIALS AND LABOR NECESSARY TO CONSTRUCT UTILITIES SHOWN AS INTENDED IN ACCORDANCE WITH APPLICABLE MANUFACTURER, LOCAL, STATE, AND FEDERAL REQUIREMENTS.
22. THE CONTRACTOR SHALL REPAIR ALL EXISTING IMPROVEMENTS DAMAGED BY CONSTRUCTION TO AS GOOD AS OR BETTER CONDITION.

STRUCTURAL NOTES

1. THESE PLANS ARE APPROVED FOR STANDARD ROAD AND DRAINAGE IMPROVEMENTS ONLY. PLANS FOR STRUCTURES SUCH AS BRIDGES, VAULTS, AND RETAINING WALLS REQUIRE A SEPARATE REVIEW AND APPROVAL BY CLARK COUNTY BUILDING DEPARTMENT AND/OR PUBLIC WORKS DEPARTMENT, AND WSDOT BRIDGE SECTION PRIOR TO CONSTRUCTION.

LEGEND

	EXISTING	PROPOSED		EXISTING	PROPOSED
DECIDUOUS TREE			STORM DRAIN CLEAN OUT		
CONIFEROUS TREE			STORM DRAIN CATCH BASIN		
FIRE HYDRANT			STORM DRAIN AREA DRAIN		
WATER BLOWOFF			STORM DRAIN MANHOLE		
WATER METER			GAS METER		
WATER VALVE			GAS VALVE		
DOUBLE CHECK VALVE			GUY WIRE ANCHOR		
AIR RELEASE VALVE			UTILITY POLE		
SANITARY SEWER CLEAN OUT			POWER VAULT		
SANITARY SEWER MANHOLE			POWER JUNCTION BOX		
SIGN			POWER PEDESTAL		
STREET LIGHT			COMMUNICATIONS VAULT		
MAILBOX			COMMUNICATIONS JUNCTION BOX		
			COMMUNICATIONS RISER		

	EXISTING	PROPOSED
RIGHT-OF-WAY LINE		
BOUNDARY LINE		
PROPERTY LINE		
CENTERLINE		
DITCH		
CURB		
EDGE OF PAVEMENT		
GUTTER		
EASEMENT		
FENCE LINE		
GRAVEL EDGE		
POWER LINE	PWR	PWR
OVERHEAD WIRE	OHW	OHW
COMMUNICATIONS LINE	COM	COM
FIBER OPTIC LINE	OPD	OPD
GAS LINE	GAS	GAS
STORM DRAIN LINE	STM	STM
SANITARY SEWER LINE	SAN	SAN
WATER LINE	WAT	WAT
RECLAIMED WATER LINE		RPWAT

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WWW.AKS-ENG.COM

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VANS OS TRANSPO IMPROVEMENTS

CLARK COUNTY WASHINGTON
NE 1/4, S34, T2N, R3E
#177885-000 #177884-000

GENERAL NOTES & LEGEND

DESIGNED BY: MAZ
DRAWN BY: MAZ
MANAGED BY: BDH
CHECKED BY: BDH
DATE: 8/13/2025

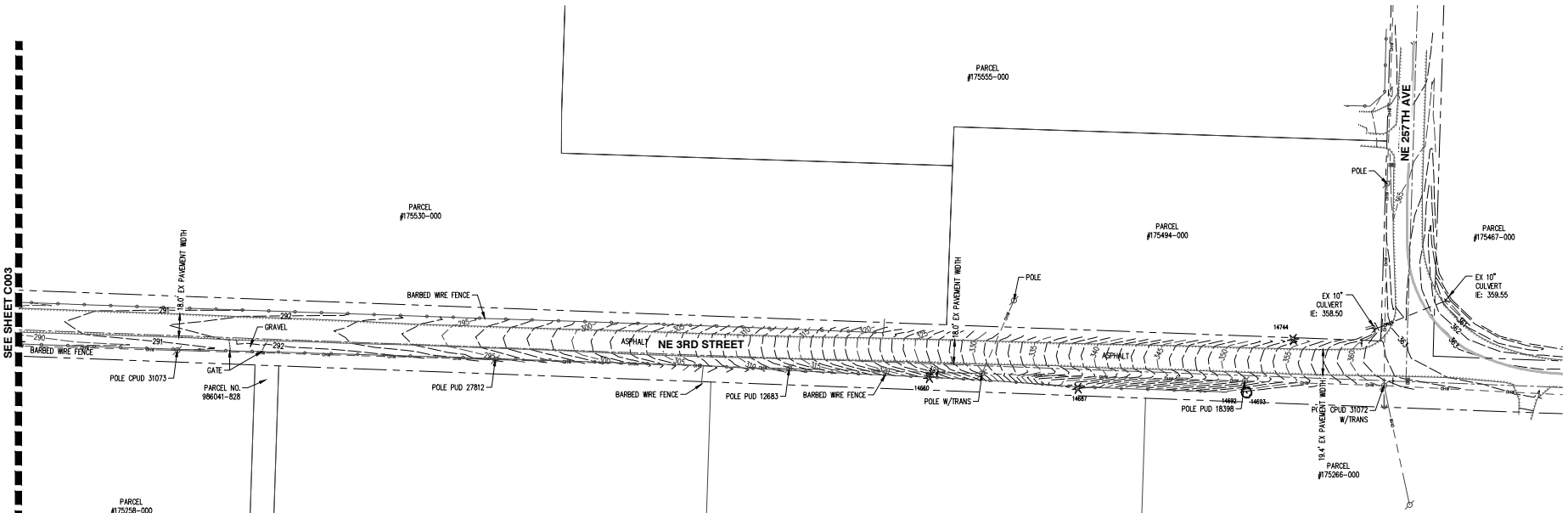
PRELIMINARY NOT FOR CONSTRUCTION

REVISIONS

JOB NUMBER 9095

SHEET C001

AKS DRAWING FILE: X:\9095 C000 COVER.DWG | LAYOUT: C001



NOTES:

1. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND LOCATES REPRESENT THE ONLY UTILITIES IN THE AREA. CONTRACTORS ARE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
2. FIELD WORK WAS CONDUCTED IN FEBRUARY, 2025.
3. VERTICAL DATUM: ELEVATIONS ARE BASED ON CLARK COUNTY BENCHMARK NO. 240, LOCATED AT THE NW CORNER OF HWY SR 500 & 23RD AVENUE. ELEVATION = 213.07 FEET (NGVD 29(47)).
4. THIS IS NOT A BOUNDARY SURVEY TO BE RECORDED WITH THE COUNTY. BOUNDARIES MAY BE PRELIMINARY AND SHOULD BE CONFIRMED WITH THE STAMPING SURVEYOR PRIOR TO RELYING ON FOR DETAILED DESIGN OR CONSTRUCTION.
5. CONTOUR INTERVAL IS 1 FOOT. CONTOURS WITHIN THE PROJECT AREA, RIGHT-OF-WAY AND ADJACENT TO THE SITE WERE GENERATED FROM SURVEYED ELEVATIONS.
6. TREES SHOWN DO NOT REPRESENT THE ONLY TREES ON SITE. TREE DIAMETERS WERE DETERMINED BY VISUAL INSPECTION. TREE INFORMATION IS SUBJECT TO CHANGE UPON ARBORIST INSPECTION.
7. NE 252ND AVE & NE 3RD ST IS CLASSIFIED AS A RURAL LOCAL ACCESS ROAD PER CLARK COUNTY GIS.
8. PER CLARK COUNTY GIS, THERE ARE NO STEEP SLOPES ON SITE.
9. PER CLARK COUNTY GIS, THERE ARE CRITICAL AREAS WITHIN THE PROJECT LIMITS.
10. THE SITE IS NOT LOCATED WITHIN ANY CRITICAL AQUIFER DISCHARGE AREAS PER CLARK COUNTY GIS.

SCALE: 1"= 40 FEET

40 0 8 20 40

N

811 Know what's below. Call before you dig.

LEGEND

EXISTING		EXISTING
DECIDUOUS TREE	STORM DRAIN CLEAN OUT	
CONIFEROUS TREE	STORM DRAIN CATCH BASIN	
FIRE HYDRANT	STORM DRAIN AREA DRAIN	
WATER BLOWOFF	STORM DRAIN MANHOLE	
WATER METER	GAS METER	
WATER VALVE	GAS VALVE	
DOUBLE CHECK VALVE	GUY WIRE ANCHOR	
AIR RELEASE VALVE	UTILITY POLE	
SANITARY SEWER CLEAN OUT	POWER VAULT	P
SANITARY SEWER MANHOLE	POWER JUNCTION BOX	A
SIGN	POWER PEDESTAL	
STREET LIGHT	COMMUNICATIONS VAULT	C
MAILBOX	COMMUNICATIONS JUNCTION BOX	
	COMMUNICATIONS RISER	

EXISTING	
RIGHT-OF-WAY LINE	
BOUNDARY LINE	
PROPERTY LINE	
CENTERLINE	
DITCH	
CURB	
EDGE OF PAVEMENT	
EASEMENT	
FENCE LINE	
GRAVEL EDGE	
POWER LINE	PWR
OVERHEAD WIRE	OHW
COMMUNICATIONS LINE	COM
FIBER OPTIC LINE	CFO
GAS LINE	GAS
STORM DRAIN LINE	STM
SANITARY SEWER LINE	SAN
WATER LINE	WAT
RECLAIMED WATER LINE	NPWAT

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VANS OS TRANSPO IMPROVEMENTS

CLARK COUNTY WASHINGTON
NE 1/4, S34, T2N, R3E
#177885-000 #177884-000

EXISTING CONDITIONS

DESIGNED BY: MAZ
DRAWN BY: MAZ
MANAGED BY: BDH
CHECKED BY: BDH
DATE: 8/13/2025

JAMES O. HANLEY — STATE OF WASHINGTON — 21810 — REGISTERED PROFESSIONAL LAND SURVEYOR
PRELIMINARY NOT FOR CONSTRUCTION OR RECORDING PURPOSES

REVISIONS

JOB NUMBER 9095

SHEET C002

AKS DRAWING FILE: 9095 C000 EXCAVLINK | LAYOUT: C002

NOTES:

1. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND LOCATES REPRESENT THE ONLY UTILITIES IN THE AREA. CONTRACTORS ARE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
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6. TREES SHOWN DO NOT REPRESENT THE ONLY TREES ON SITE. TREE DIAMETERS WERE DETERMINED BY VISUAL INSPECTION. TREE INFORMATION IS SUBJECT TO CHANGE UPON ARBORIST INSPECTION.
7. NE 252ND AVE & NE 3RD ST IS CLASSIFIED AS A RURAL LOCAL ACCESS ROAD PER CLARK COUNTY GIS.
8. PER CLARK COUNTY GIS, THERE ARE NO STEEP SLOPES ON SITE.
9. PER CLARK COUNTY GIS, THERE ARE CRITICAL AREAS WITHIN THE PROJECT LIMITS.
10. THE SITE IS NOT LOCATED WITHIN ANY CRITICAL AQUIFER DISCHARGE AREAS PER CLARK COUNTY GIS.

PARCEL #177891-000
PARCEL #175727-000
CITY OF CAMAS ROW
CONCRETE WALL/DAM
CONCRETE WATER SUMP
WATER PUMP
EX 30" CONC CULVERT IE: 275.51
EX 12" CULVERT IE: 276.13
EX 12" CULVERT IE: 276.37
GATE
BARBED WIRE FENCE
EX ARGRICULTURAL/ROADSIDE DITCH
NE 252ND AVENUE
NE 252ND AVE/NE 3RD ST
EX 14" CULVERT IE: 281.17
15.4' EX PAVEMENT WIDTH
15.5' EX PAVEMENT WIDTH
EX 30" CONC CULVERT IE: 275.19
EX ARGRICULTURAL SURFACE POND
PARCEL #178180-000
PARCEL #175259-000
PARCEL #175530-000
BENCH
BARBED WIRE/WOVEN WIRE FENCE
NE 3RD STREET
18.1' EX PAVEMENT WIDTH
GRAVEL
EX ARGRICULTURAL DITCH
SEE SHEET C002

SCALE: 1"= 40 FEET
40 0 8 20 40

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CLARK COUNTY WASHINGTON
NE 1/4, S34, T2N, R3E
#177885-000 #177884-000

EXISTING CONDITIONS

DESIGNED BY:	MAZ
DRAWN BY:	MAZ
MANAGED BY:	BDH
CHECKED BY:	BDH

DATE: 8/13/2025

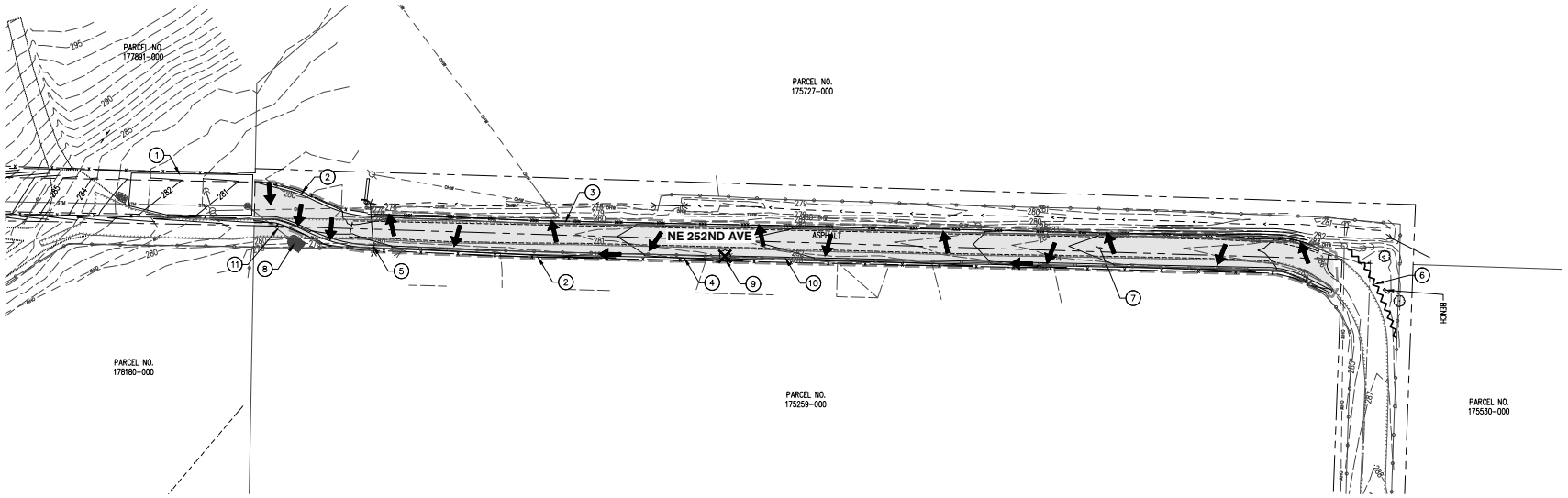
JAMES O. HANLEY — STATE OF WASHINGTON — 22888 — REGISTERED PROFESSIONAL LAND SURVEYOR
PRELIMINARY NOT FOR CONSTRUCTION

REVISIONS

JOB NUMBER 9095

SHEET C003

AKS DRAWING FILE: X:\095 CAMAS EXCHANGE\LAYOUTS\C003



GENERAL NOTES

1. NE 252ND AVENUE IS CLASSIFIED AS A RURAL LOCAL ACCESS ROAD PER CLARK COUNTY GIS.
2. THE EXISTING PAVED ACCESS ON NE 3RD STREET WILL SERVE AS A CONSTRUCTION ENTRANCE FOR THIS PROJECT. IN THE EVENT SEDIMENT IS TRACKED ONTO NE 3RD STREET, THE STREET SHALL BE SWEPT CLEAN OF ALL SEDIMENT AND DEBRIS.
3. CONSTRUCTION OF CAVFS FACILITY SHALL NOT BEGIN UNTIL FINAL STABILIZATION IS ACHIEVED IN ALL CONTRIBUTING AREAS.
4. EXCAVATION OF CAVFS FACILITY, IS NOT ALLOWED DURING WET OR SATURATED CONDITIONS.
5. PROTECT EXISTING IMPROVEMENTS OUTSIDE OF DISTURBED LIMITS SHOWN. ANY DAMAGE SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
6. SEE SHEET C500 FOR STORMWATER FACILITY SECTION.
7. PROTECT EXISTING UTILITIES TO THE MAXIMUM EXTENT PRACTICABLE.
8. 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 AND 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.
9. SEE SHEET C501 FOR ADDITIONAL GRADING AND EROSION CONTROL NOTES.
10. SEE SHEET C001 FOR GENERAL NOTES.
11. ALL CONSTRUCTION WITHIN CLARK COUNTY RIGHT-OF-WAY SHALL HAVE AN APPROVED TRAFFIC CONTROL PLAN AND RIGHT-OF-WAY PERMIT PRIOR TO ANY ON-SITE CONSTRUCTION ACTIVITY. CONTRACTOR TO PROVIDE AND COORDINATE.
12. THE APPLICANT MAY BE REQUIRED TO PROVIDE FLAGGING, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES FOR SAFE TRUCK ACCESS ONTO PUBLIC STREETS. ALL SUCH DEVICES SHALL CONFORM TO THE STANDARDS ESTABLISHED IN THE LATEST ADOPTED EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION AND THE MODIFICATIONS TO THE MUTCD FOR STREETS AND HIGHWAYS FOR THE STATE OF WASHINGTON.
13. ANY PUBLIC, OR PRIVATE, ASPHALT DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO CLARK COUNTY STANDARDS FOR PUBLIC ROADS, OR SHALL BE REPAIRED TO PRIVATE STREET/DRIVEWAY STANDARDS, AS APPLICABLE.
14. IF ANY SEDIMENT IS TRACKED INTO THE PUBLIC RIGHT-OF-WAY A WHEEL WASH OR CONSTRUCTION ENTRANCE MAY BE REQUIRED AT THE INSPECTOR'S DISCRETION.
15. POST-CONSTRUCTION SOIL QUALITY AND DEPTH PER BMP T5.13 IS REQUIRED FOR ALL DISTURBED LANDSCAPED AREAS AFTER GRADING IS COMPLETE.
16. CONTRACTOR TO ENSURE BIORETENTION SOIL MEDIA IS PROTECTED FROM BEING COMPACTED. HEAVY CONSTRUCTION EQUIPMENT SHALL NOT BE USED ABOVE MEDIA SOIL, USE HAND TOOLS ONLY.
17. IF ANY CULTURAL RESOURCES AND/OR HUMAN REMAINS ARE DISCOVERED IN THE COURSE OF UNDERTAKING THE DEVELOPMENT ACTIVITY, THE DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION IN OLYMPIA AND CLARK COUNTY COMMUNITY DEVELOPMENT SHALL BE NOTIFIED. FAILURE TO COMPLY WITH THESE STATE REQUIREMENTS MAY CONSTITUTE A CLASS C FELONY, SUBJECT TO IMPRISONMENT AND/OR FINES.

KEYED NOTES (#)

1. APPROXIMATE STOCKPILE/WASTE AREA LOCATION. SPREAD MATERIAL EVENLY AND STABILIZE WITH SEEDING PER BMP C120 OF THE 2015 CLARK COUNTY STORMWATER MANUAL. PROTECT WITH PLASTIC SHEETING PER CLARK COUNTY DETAIL E16, SHEET C501, IF DEEMED NECESSARY. HAUL OFF MATERIAL TO BE DISPOSED OF IN AN APPROVED LOCATION.
2. INSTALL SEDIMENT FENCE PER DETAIL E4 ON SHEET C500.
3. INSTALL WATTILES PER DETAIL E6 ON SHEET C501 (TYP).
4. CONSTRUCT ROADSIDE CONVEYANCE DITCH PER DETAIL 3/C500.
5. PROTECT EXISTING STORM PIPE AND OUTFALL.
6. PROTECT EXISTING TREES WITH TREE FENCE PER DETAIL ON SHEET C501.
7. MAINTAIN POSITIVE DRAINAGE AWAY FROM ROAD.
8. OUTLET PROTECTION TO BE INSTALLED WITH CITY PROJECT UNDER SEPARATE PERMIT.
9. REMOVE EXISTING TREE
10. RELOCATE EXISTING FENCE OUTSIDE OF GRADING LIMITS. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR EXACT LOCATION.
11. STORM PIPE INSTALLED UNDER SEPARATE CITY OF CAMAS PERMIT.

RECOMMENDED CONSTRUCTION SEQUENCE FOR EROSION CONTROL

1. PRE-CONSTRUCTION MEETING.
2. FLAG OR FENCE CLEARING LIMITS.
3. POST NOTICE OF CONSTRUCTION ACTIVITY SIGN WITH NAME AND PHONE NUMBER OF EROSION SEDIMENT CONTROL SUPERVISOR.
4. INSTALL CATCH BASIN PROTECTION, IF REQUIRED.
5. INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
6. GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).
7. CONSTRUCT SEDIMENT PONDS AND TRAPS.
8. GRADE AND STABILIZE CONSTRUCTION ROADS.
9. CONSTRUCT SURFACE WATER CONTROLS (INTERCEPTOR DIKES, PIPE SLOPE DRAINS, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.
10. MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON AND MANUFACTURER'S RECOMMENDATIONS.
11. RELOCATE SURFACE WATER CONTROLS AND EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE CITY OF BATTLE GROUND EROSION AND SEDIMENT CONTROL STANDARDS.
12. COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING OR EQUIVALENT.
13. STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN DAYS.
14. SEED OR SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.
15. UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BEST MANAGEMENT PRACTICES REMOVED IF APPROPRIATE.

GRADING QUANTITIES

CUT: 98 C.Y.
FILL: 114 C.Y.

STRIPPINGS: 20 CY (DISTURBED AREA: 21,600 SF)

NOTE: CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES FOR BID PURPOSES.

THESE EROSION AND SEDIMENT CONTROL PLANS ASSUME "DRY WEATHER" CONSTRUCTION. "WET WEATHER" CONSTRUCTION MEASURES NEED TO BE APPLIED BETWEEN OCTOBER 1ST AND MAY 31ST.

LEGEND

- EXISTING GROUND CONTOUR (1 FT)
- EXISTING GROUND CONTOUR (5 FT) — 350 —
- FINISHED GRADE CONTOUR (1 FT)
- FINISHED GRADE CONTOUR (5 FT) — 345 —
- SEDIMENT FENCE (TO BE INSTALLED PRIOR TO GRADING) — x — x —
- WATTLES (TO BE INSTALLED PRIOR TO GRADING) — xxx —
- DRAINAGE FLOW DIRECTION
- RIP RAP PAD, PIPE OUTLET PROTECTION
- GRADING LIMITS
- TREE PROTECTION FENCING

SCALE: 1"= 40 FEET
40 0 8 20 40

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#177885-000 #177884-000

GRADING, EROSION & SEDIMENT CONTROL PLAN

DESIGNED BY:	MAZ
DRAWN BY:	MAZ
MANAGED BY:	BDH
CHECKED BY:	BDH

DATE: 8/13/2025

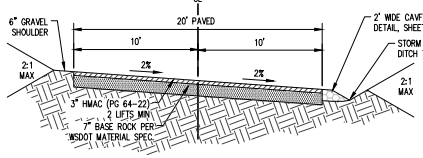
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REVISIONS

JOB NUMBER 9095

SHEET C050

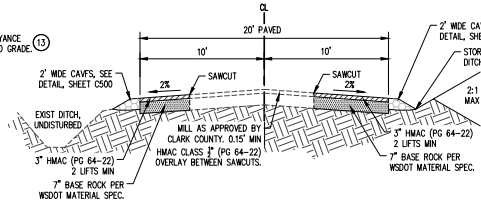
AKS DRAWING FILE: K:\9095 C050 DRAWINGS\MK | LAYOUT: C050



1 20' LOCAL ACCESS ROAD - SHED RIGHT

FROM STA: 14+03.20
TO STA: 14+45.16

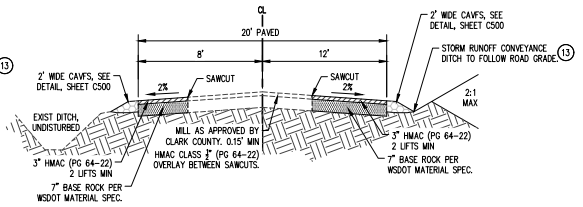
Scale: N.T.S.



2 20' LOCAL ACCESS ROAD - CROWN

FROM STA: 14+74.40
TO STA: 15+00

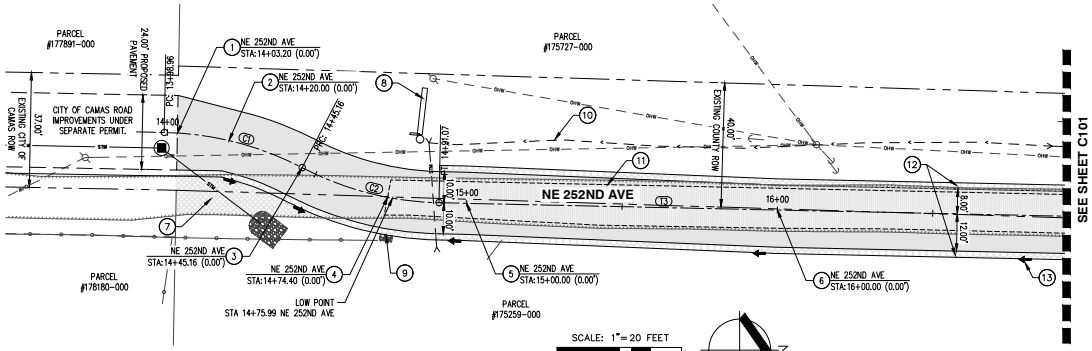
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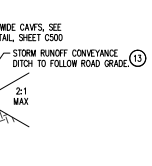


3 20' LOCAL ACCESS ROAD - CROWN OFFSET

FROM STA: 16+00
TO STA: 21+51.20

Scale: N.T.S.

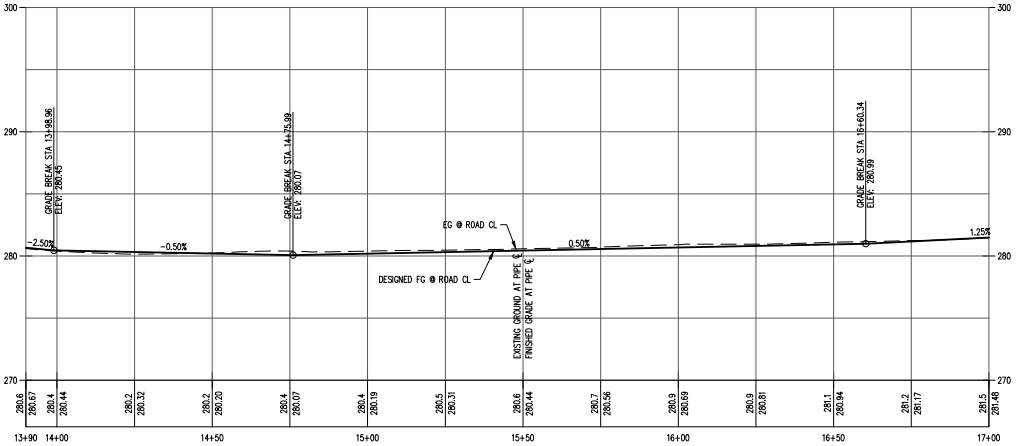




4 24' LOCAL ACCESS ROAD - SHED RIGHT

CITY OF CAMAS ROW UNDER SEPARATE PERMIT

Scale: N.T.S.



NE 252ND AVE
HORZ. SCALE: 1"=20
VERT SCALE: 1"=5
STATIONING IS BASED ON ROAD CL EXCEPT AS NOTED

KEYED NOTES

1. CITY/COUNTY ROW BOUNDARY. BEGIN COUNTY ROAD IMPROVEMENTS, END SECTION DETAIL 4, BEGIN TRANSITION TO SECTION DETAIL 1.
2. BEGIN SECTION DETAIL 1, THIS SHEET.
3. END ROAD SECTION PER DETAIL 1, THIS SHEET. BEGIN TRANSITION TO DETAIL 2, THIS SHEET. MAINTAIN 20' PAVEMENT WIDTH & CONSTRUCTION STANDARDS PER DETAILS.
4. END TRANSITION SECTION, BEGIN ROAD SECTION DETAIL 2, THIS SHEET.
5. END ROAD SECTION PER DETAIL 2, THIS SHEET. BEGIN TRANSITION TO DETAIL 3, THIS SHEET. MAINTAIN 20' PAVEMENT WIDTH & CONSTRUCTION STANDARDS PER DETAILS.
6. END TRANSITION SECTION, BEGIN ROAD SECTION DETAIL 3, THIS SHEET.
7. REMOVE EXISTING ROAD PAVEMENT. REPLACE WITH TOPSOIL TO ESTABLISH VEGETATION.
8. EXISTING CONCRETE HEAD WALL AND IRRIGATION EQUIPEMENT TO REMAIN.
9. DISCHARGE POINT FOR CONVEYANCE DITCH INTO THE EXISTING POND. INSTALL 4'x2' RIP RAP PAD PER DETAIL E7 ON SHEET C501.
10. EXISTING ROADSIDE DITCH TO REMAIN UNDISTURBED.
11. SAWCUT LINE, MINIMUM OF 1' INSIDE OF EXISTING PAVEMENT EDGE (TYP).
12. CAVFS PER DETAIL ON SHEET C500.
13. ROADSIDE DITCH PER DETAIL #3 SHEET C500.

NOTES:
1. SUBGRADE REINFORCEMENT GEOTEXTILES SHALL BE INSTALLED OVER ALL A-6, A-7 SOILS PRIOR TO CONSTRUCTING THE BASE AND SURFACING.
2. THE PAVEMENT STRUCTURE THICKNESSES IDENTIFIED FOR THESE SOIL TYPES ARE REQUIRED UNLESS A SITE SPECIFIC PAVEMENT DESIGN IS DONE. THE TOTAL PAVEMENT STRUCTURE SHALL NOT EXCEED 2.5 FEET.
3. ASPHALT CONCRETE FOR ALL RURAL ARTERIALS SHALL BE WSDOT HMA CL 3" PG 64-22 OR EQUIVALENT.
4. EITHER CONVENTIONAL OR THICK ASPHALT CONSTRUCTION IS ALLOWED.
5. ROADWAY SLOPE OUTSIDE LISTED RANGE ALLOWED WITH APPROVAL FOR FRONTAGE/MATCHING SITUATIONS.
6. THE SUBGRADE AND CRUSHED SURFACING MATERIALS SHALL BE COMPACTED PER WSDOT STANDARDS.
7. FEATURES WITHIN CORE ROAD AND FLEX ZONE ARE SUBJECT TO CCC 40.350.030(B)(3) AND TABLE CCC 40.350.030-2.
8. STORMWATER LOW IMPACT DEVELOPMENT (LID) FEATURES IN THE RIGHT-OF-WAY ARE SUBJECT TO CCC 40.350.030(B)(3) AND TABLE CCC 40.350.030-2.

CONVENTIONAL CONSTRUCTION

AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1	0.25'	0.30'
A-2	0.25'	0.40'
A-3	0.25'	0.50'
A-4	0.25'	0.70'
A-5	0.25'	0.80'
A-6	0.25'	0.90'
A-7	0.25'	1.00'
OTHER	NO SECTION	ESTIMATED

GENERAL NOTES

1. ROAD PROFILE IS FOR REFERENCE ONLY FOR AREAS OF MILLING. GRADES ARE TO BE ESTABLISHED RELATIVE TO SAWCUT ELEVATION. GRIND & INLAY TO MATCH EXISTING. NEW PAVEMENT WIDENING SHALL SLOPE 2% ±0.5% FROM SAWCUT AWAY FROM CL CROWN AS SHOWN IN STREET SECTIONS.

LEGEND

- GRIND AND INLAY EXISTING PAVED SURFACE (±9,117 SF)
- NEW OR REPLACED PAVEMENT SECTION (±6,197 SF)
- EXISTING PAVEMENT TO BE REMOVED (±396 SF)
- CAVFS INCLUDING GRAVEL SHOULDER (±2,854 SF)
- SAWCUT LINE (1,388 LF)

PARCEL LINE AND CURVE TABLE

LINE #/CURVE #	LENGTH	BEARING/DELTA	RADIUS
C1	46.20	26.47	100.00
C2	45.92	26.31	100.00
T3	626.68	N01° 13' 49"E	

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CLARK COUNTY WASHINGTON
NE 1/4, S34, T2N, R3E
#177885-000 #177884-000

STREET PLAN NE 252ND AVE

DESIGNED BY: MAZ
DRAWN BY: MAZ
MANAGED BY: BDH
CHECKED BY: BDH
DATE: 8/13/2025

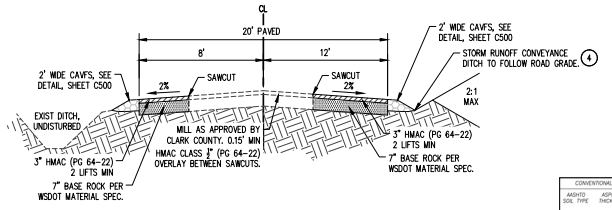
PRELIMINARY NOT FOR CONSTRUCTION

REVISIONS

JOB NUMBER 9095

SHEET C100

AKS DRAWING FILE: X:\095 CIVIL\STR\MK1 LAYOUT\ C100



3 **20' LOCAL ACCESS ROAD - CROWN OFFSET**

FROM STA: 16+00
TO STA: 21+51.13

Scale: N.T.S.

CONVENTIONAL CONSTRUCTION		
AASHTO SOIL TYPE	ASPHALT THICKNESS	BASE ROCK THICKNESS
A-1	0.25'	0.30'
A-2	0.25'	0.45'
A-3	0.25'	0.60'
A-4	0.25'	0.60'
A-5	0.25'	0.60'
A-6	0.25'	0.60'
A-7	0.25'	0.60'
OTHER	NO SECTION	ESTIMATED

NOTES:
1. SUBGRADE REINFORCEMENT GEOTEXTILES SHALL BE INSTALLED OVER ALL A-6, A-7 SOILS PRIOR TO CONSTRUCTING THE BASE AND SURFACING.
2. THE PAVEMENT STRUCTURE THICKNESSES IDENTIFIED FOR THESE SOIL TYPES ARE REQUIRED UNLESS A SITE SPECIFIC PAVEMENT DESIGN IS DONE. THE TOTAL PAVEMENT STRUCTURE SHALL NOT EXCEED 2.5 FEET.
3. ASPHALT CONCRETE FOR ALL RURAL ARTERIALS SHALL BE WSDOT HMA CL ½" PG 64-22 OR EQUIVALENT.
4. EITHER CONVENTIONAL OR THICK ASPHALT CONSTRUCTION IS ALLOWED.
5. ROADWAY SLOPE OUTSIDE LISTED RANGE ALLOWED WITH APPROVAL FOR FRONTAGE/MATCHING SITUATIONS.
6. THE SUBGRADE AND CRUSHED SURFACING MATERIALS SHALL BE COMPACTED PER WSDOT STANDARDS.
7. FEATURES WITHIN CORE ROAD AND FLEX ZONE ARE SUBJECT TO CCC 40.350.030(B)(3) AND TABLE CCC 40.350.030-2.
8. STORMWATER LOW IMPACT DEVELOPMENT (LID) FEATURES IN THE RIGHT-OF-WAY ARE SUBJECT TO CCC 40.350.030(B)(3) AND TABLE CCC 40.350.030-2.

KEYED NOTES (#)

1. EXISTING ROADSIDE DITCH TO REMAIN UNDISTURBED.
2. SAWCUT LINE, MINIMUM OF 1' INSIDE OF EXISTING PAVEMENT EDGE.
3. CAVFS PER DETAIL ON SHEET C500.
4. ROADSIDE DITCH PER DETAIL #3 SHEET C500.
5. END ROAD IMPROVEMENTS PER SECTION DETAIL 3, THIS SHEET.

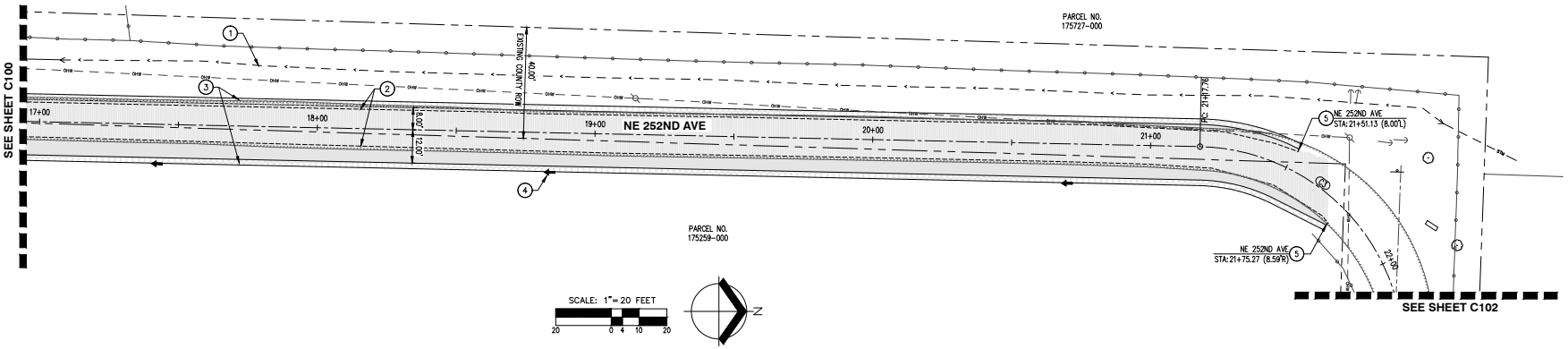
GENERAL NOTES

1. ROAD PROFILE IS FOR REFERENCE ONLY FOR AREAS OF MILLING. GRADES ARE TO BE ESTABLISHED RELATIVE TO SAWCUT ELEVATION. GRIND & INLAY TO MATCH EXISTING. NEW PAVEMENT WIDENING SHALL SLOPE 2% ±0.5% FROM SAWCUT AWAY FROM CL CROWN AS SHOWN IN STREET SECTIONS.

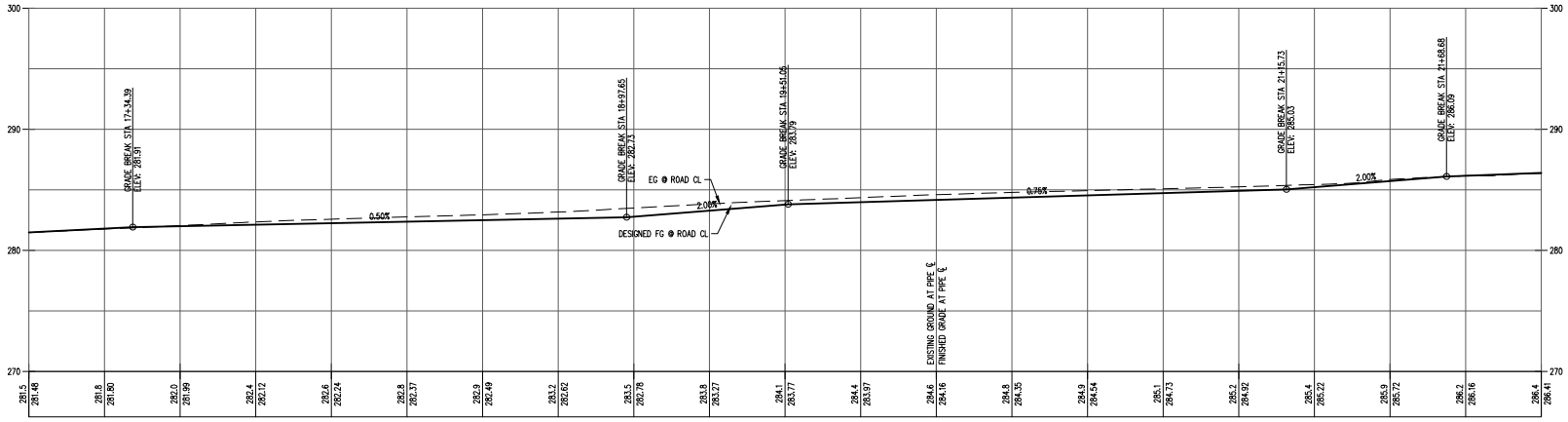
LEGEND

- GRIND AND INLAY EXISTING PAVED SURFACE (±9,117 SF)
- NEW OR REPLACED PAVEMENT SECTION (±6,197 SF)
- EXISTING PAVEMENT TO BE REMOVED (±396 SF)
- CAVFS INCLUDING GRAVEL SHOULDER (±2,854 SF)
- SAWCUT LINE (1,388 LF)

PARCEL LINE AND CURVE TABLE			
LINE #/CURVE #	LENGTH	BEARING/DELTA	RADIUS
C3	118.48	90.51	75.00



SCALE: 1" = 20 FEET



NE 252ND AVE
HORZ. SCALE: 1"=20
VERT SCALE: 1"=5
STATIONING IS BASED ON ROAD CL EXCEPT AS NOTED

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STREET PLAN NE 252ND AVE

DESIGNED BY:	MAZ
DRAWN BY:	MAZ
MANAGED BY:	BDH
CHECKED BY:	BDH

DATE: 6/13/2025

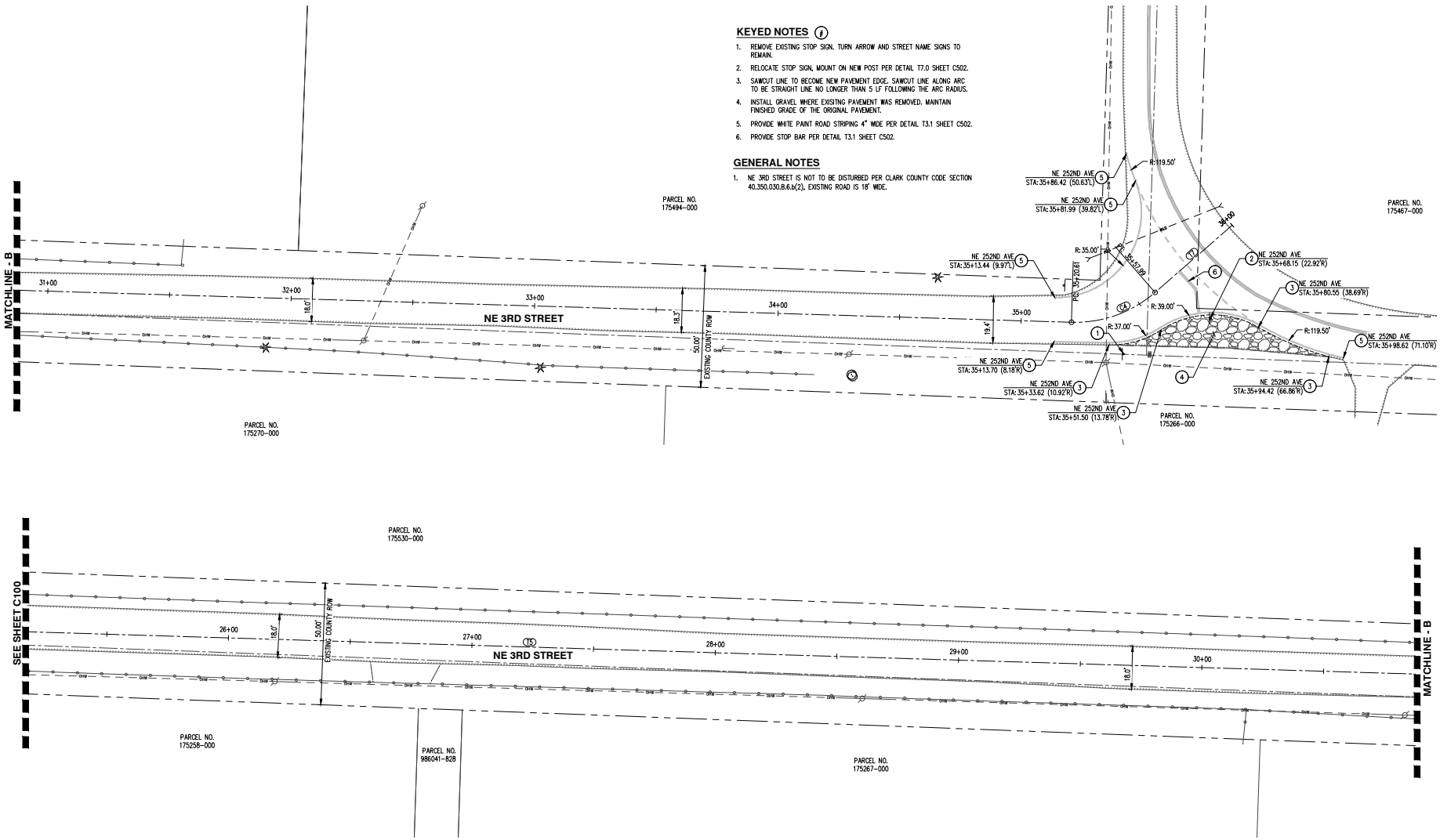
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REVISIONS

JOB NUMBER 9095

SHEET **C101**

AKS DRAWING FILE: K:\DS C100 STRUCTURE\ LAYOUT1.DGN



KEYED NOTES

1. REMOVE EXISTING STOP SIGN. TURN ARROW AND STREET NAME SIGNS TO REMAIN.
2. RELOCATE STOP SIGN, MOUNT ON NEW POST PER DETAIL T7.0 SHEET C502.
3. SAWCUT LINE TO BECOME NEW PAVEMENT EDGE. SAWCUT LINE ALONG ARC TO BE STRAIGHT LINE NO LONGER THAN 5 LF FOLLOWING THE ARC RADIUS.
4. INSTALL GRAVEL WHERE EXISTING PAVEMENT WAS REMOVED. MAINTAIN FINISHED GRADE OF THE ORIGINAL PAVEMENT.
5. PROVIDE WHITE PAINT ROAD STRIPING 4" WIDE PER DETAIL T3.1 SHEET C502.
6. PROVIDE STOP BAR PER DETAIL T3.1 SHEET C502.

GENERAL NOTES

1. NE 3RD STREET IS NOT TO BE DISTURBED PER CLARK COUNTY CODE SECTION 40.350.030.B.6.b(2), EXISTING ROAD IS 18' WIDE.

PARCEL LINE AND CURVE TABLE			
LINE #/CURVE #	LENGTH	BEARING/DELTA	RADIUS
C4	37.38	42.83	50.00
T5	1284.37	S88° 15' 22"E	
T7	41.48	N48° 54' 38"E	

SCALE: 1"=20 FEET

20 0 4 10 20

N

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STREET PLAN NE 3RD STREET

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DRAWN BY: MAZ
MANAGED BY: BDH
CHECKED BY: BDH
DATE: 8/13/2025

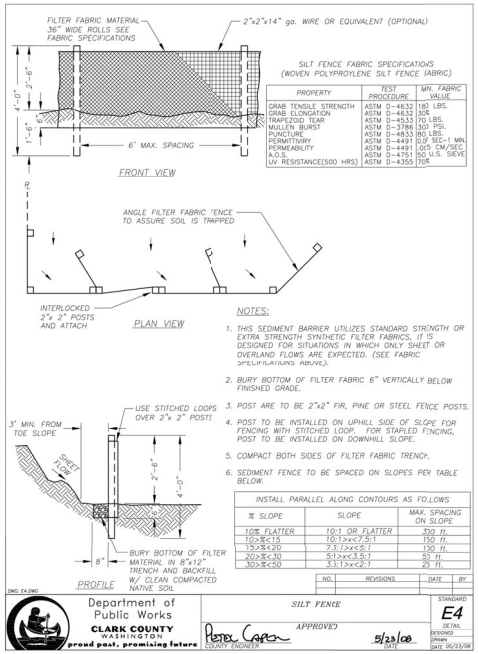
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REVISIONS

JOB NUMBER 9095

SHEET C102

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SILT FENCE FABRIC SPECIFICATIONS
(WOVEN POLYPROYLENE SILT FENCE FABRIC)

PROPERTY	TEST PROCEDURE	MIN. FABRIC VALUE
GRAB TENSILE STRENGTH	ASTM D-4632	180 LBS.
GRAB ELONGATION	ASTM D-4632	30%
TRAPEZOID TEAR	ASTM D-4533	70 LBS.
MULLEN BURST	ASTM D-3786	300 PSI.
PUNCTURE	ASTM D-4833	80 LBS.
PERMITTIVITY	ASTM D-4491	0.2 SEC-1 MIN.
PERMEABILITY	ASTM D-4491	0.05 CM/SEC
A.O.S.	ASTM D-4751	50 U.S. SIEVE
UV RESISTANCE(500 HRS)	ASTM D-4355	70%

NOTES:

1. THIS SEDIMENT BARRIER UTILIZES STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS, IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED. (SEE FABRIC SPECIFICATIONS ABOVE).
2. BURY BOTTOM OF FILTER FABRIC 6" VERTICALLY BELOW FINISHED GRADE.
3. POST ARE TO BE 2"x2" FIR, PINE OR STEEL FENCE POSTS.
4. POST TO BE INSTALLED ON UPHILL SIDE OF SLOPE FOR FENCING WITH STITCHED LOOP. FOR STAPLED FENCING, POST TO BE INSTALLED ON DOWNHILL SLOPE.
5. COMPACT BOTH SIDES OF FILTER FABRIC TRENCH.
6. SEDIMENT FENCE TO BE SPACED ON SLOPES PER TABLE BELOW.

INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS

% SLOPE	SLOPE	MAX. SPACING ON SLOPE
10% FLATTER	10:1 OR FLATTER	330 ft.
10>%<15	10:1>x<7.5:1	150 ft.
15>%<20	7.5:1>x<5:1	130 ft.
20>%<30	5:1>x<3.5:1	50 ft.
30>%<50	3.5:1>x<2:1	25 ft.

NO.	REVISIONS	DATE	BY

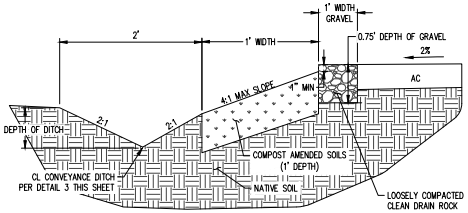
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SILT FENCE

APPROVED
Peter Capell 5/23/08
COUNTY ENGINEER DATE

STANDARD DETAIL E4
DESIGNED
DRAWN
DATE 05/23/08

DWG E4.DWG

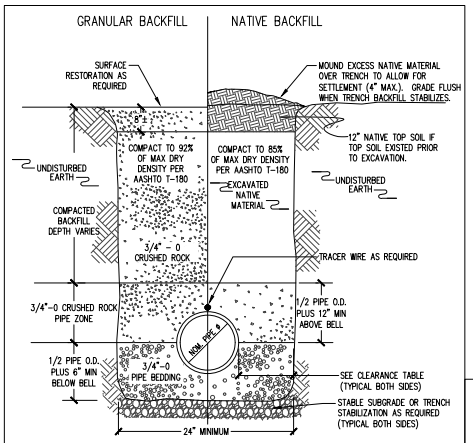


COMPOST AMENDED VEGETATED FILTER STRIPS (CAVFS)

N.T.S

COMPOST AMENDED SOIL SPECIFICATIONS

1. MINIMUM ORGANIC CONTENT: 5% BY WEIGHT
2. PH: 5.5-7.0
3. 60% - 65% LOAMY SAND WITH 25% - 30% COMPOST
   -OR-
   30% SOIL MIX SHALL BE TESTED PRIOR TO INSTALLATION
4. FINAL SOIL MIX SHALL BE TESTED PRIOR TO INSTALLATION.
5. SEE BMP T7.40 FOR COMPLETE CAVFS SPECIFICATIONS AND BMP T5.14B FOR COMPLETE COMPOST SPECIFICATIONS.



CLEARANCE TABLE	
NOM. PIPE DIAMETER	MIN/MAX CLEARANCE
≤10"	10"/18"
12"-16"	12"/18"
18"-21"	16"/24"
24"-30"	18"/30"
>30"	24"/36"

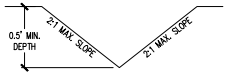
MULTIPLE PIPE INSTALLATIONS



DIAMETER UP TO 21"	SPACE BETWEEN PIPES 8" MIN / 12" MAX

NOTES:
1. GRANULAR BACKFILL REQUIRED UNDER ALL EXISTING OR FUTURE IMPROVED AREAS INCLUDING SIDEWALKS.
2. WHERE NEW PIPING IS IN SAME ALIGNMENT AS EXISTING PIPING, THE PIPE EMBEDMENT SHALL EXTEND TO A MINIMUM OF 6" BELOW THE NEW PIPING OR 6" BELOW EXISTING PIPING, WHICHEVER IS DEEPER.
3. FOR FLEXIBLE PIPE, BOTTOM OF TRENCH SHORING SHALL BE ABOVE SPRINGLINE AND UNDER THE PIPE HAUNCHES.

TRENCH BACKFILL
NTS
2



ROADSIDE CONVEYANCE DITCH
NTS
3

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DETAILS

DESIGNED BY: MAZ
DRAWN BY: MAZ
MANAGED BY: BDH
CHECKED BY: BDH
DATE: 8/13/2025

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REVISIONS

JOB NUMBER 9095

SHEET C500

AKS DRAWING FILE: 9095 C500 DETAILS.DWG | LAYOUT: C500

STANDARD NOTES FOR EROSION CONTROL PLAN

1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN BMP'S AS SHOWN AND PERFORM ALL ACTIONS NECESSARY TO PREVENT EROSION, AND CONTROL SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. CONTRACTOR SHALL COMPLY WITH CLARK COUNTY CODE CHAPTER 40.386.
2. ALL EROSION CONTROL MEASURES SHALL BE IN-PLACE AND IN WORKING CONDITION PRIOR TO DISTURBING AND EXPOSING ANY SOIL SURFACES (I.E. SILT FENCE, CONSTRUCTION ENTRANCE, SEDIMENTATION BARRIERS, SEDIMENTATION TRAPS). REFER TO CCC 13.26A AND CLARK COUNTY STORMWATER MANUAL, BCDX 2 BMP'S.
3. ALL EROSION PREVENTION AND CONTROL BMP'S SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO INSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. NEEDED REPAIRS SHALL BE MADE AS SOON AS PRACTICABLE. THEY ARE TO REMAIN IN PLACE AND OPERATIONAL DURING ALL PHASES OF CONSTRUCTION. CONSTRUCTION ACTIVITIES SHALL NOT CONTINUE OR RESUME UNTIL REPAIRS TO EROSION CONTROL FACILITIES ARE MADE AND THE FACILITIES ARE FUNCTIONAL. ANY SEDIMENT LEAVING THE SITE OR DISCHARGING TO A SENSITIVE AREA SHALL BE STOPPED AND CONTROLLED IMMEDIATELY. CONTAMINATED AREAS SHALL BE CLEANED AND RESTORED.
4. CLEARING LIMITS AND WORK AREA LIMITS SHALL BE DELINEATED AND MARKED. DO NOT DISTURB MORE AREA THAN NEEDED FOR CONSTRUCTION REQUIREMENTS.
5. ALL SENSITIVE OR CRITICAL AREAS (WETLANDS, STEEP SLOPES, NATURAL WATERWAYS), AND BUFFERS SHALL ALL BE CLEARLY DELINEATED AND CLEARLY MARKED, AND PROTECTED FROM SEDIMENT DEPOSITION.
6. SEDIMENT LADEN RUNOFF SHALL BE PREVENTED FROM ENTERING ALL EXISTING STORM WATER CATCH BASINS, INLETS AND PERVIOUS DRAINAGE SYSTEMS AFFECTED BY CONSTRUCTION.
7. NO EXPOSED, BARE SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN **TWO** DAYS DURING THE PERIOD OCTOBER 1 THRU APRIL 30 OR FOR MORE THAN **SEVEN** DAYS DURING THE PERIOD OF MAY 1 THROUGH SEPTEMBER 30. ALL DISTURBED SOIL SURFACES SHALL BE STABILIZED BY A SUITABLE APPLICATION OF "BEST MANAGEMENT PRACTICES".
8. WHERE FEASIBLE, NO MORE THAN 500 FEET OF TRENCH SHALL BE OPEN AT ONE TIME. EXCAVATED MATERIAL SHALL BE PLACED ON THE UP-HILL SIDE OF TRENCHES PROVIDED IT DOES NOT CONFLICT WITH SAFETY REQUIREMENTS.
9. DEWATERING DEVICES SHALL DISCHARGE INTO A SEDIMENT TRAP OR SEDIMENT POND. NO DISCHARGE SHALL BE MADE TO A PAVED STREET OR STORMWATER COLLECTION SYSTEM WITHOUT APPROVAL AND REMOVING SEDIMENT.
10. CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. EROSION SHALL BE CONTROLLED AND PREVENTED BY SUCH MEASURES AS ROUGHENING THE SURFACE, INSTALLATION OF INTERCEPTOR DITCHES, TERRACING, COVERING WITH MATTING, MULCH OR PLASTIC SHEETING. RUNOFF SHALL BE PREVENTED FROM ENTERING A SLOPE AND FROM UNDERCUTTING THE BASE OF SLOPES.
11. ANY SOIL OR DEBRIS TRANSPORTED ONTO ROADWAYS AND SIDEWALKS SHALL BE REMOVED. DEPOSITS SHALL BE COMPLETELY REMOVED BY SHOVELING AND/OR SWEEPING. WASHING SHALL NOT BE UTILIZED UNLESS SPECIFICALLY APPROVED IN WRITING BY THE COUNTY.
12. ALL PERMANENT INFILTRATION SYSTEMS SHALL BE ISOLATED AND PROTECTED FROM SEDIMENT LADEN RUNOFF ENTERING TO AVOID RISK OF REDUCING THE ABILITY OF THE SYSTEMS TO INFILTRATE. ISOLATION AND PROTECTION SHALL NOT BE REMOVED UNTIL THE DRAINAGE AREA TRIBUTARY TO THE SYSTEM IS COMPLETELY STABILIZED.
13. ALL CONVEYANCE CHANNELS, BOTH TEMPORARY AND PERMANENT SHALL BE STABILIZED TO PREVENT EROSION OF THE CHANNEL. STABILIZATION SHALL EXTEND TO AREAS AT OUTLETS AND DOWNSTREAM REACHES VULNERABLE TO EROSION RESULTING FROM FLOW DISCHARGING FROM THE CHANNEL.
14. IF BMP'S SHOWN ARE UTILIZED BUT ARE INSUFFICIENT TO PREVENT SEDIMENT FROM REACHING WATER BODIES, ADJACENT PROPERTIES, OR PUBLIC RIGHTS-OF-WAY, ADDITIONAL BMP'S SHALL BE IMPLEMENTED IMMEDIATELY TO PREVENT FURTHER ENCROACHMENT OF SEDIMENT.

SHEET 1 OF 2

NO.	REVISIONS	DATE	BY

DWG. ECN1.DWG

Department of Public Works
CLARK COUNTY WASHINGTON
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STANDARD NOTES FOR EROSION CONTROL PLAN

APPROVED — COUNTY ENGINEER — 01/30/15 DATE

STANDARD ECN1 DETAIL DESIGNED DRAWN DATE 11/30/15

STANDARD NOTES FOR EROSION CONTROL PLAN (CONTINUED)

15. STABILIZED AREAS SHALL BE PROVIDED FOR EMPLOYEE PARKING AND STORAGE OF CONSTRUCTION MATERIALS. ERODIBLE STOCKPILES OF EARTHEN MATERIALS, SUCH AS TOPSOIL, SILTY AND CLAYEY SOILS; AND LANDSCAPE MATERIALS, SHALL BE COVERED WHEN NOT BEING INCORPORATED IN THE WORK. EROSION CONTROL BMP'S SHALL BE UTILIZED AS NECESSARY TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING OR SEDIMENT BEING TRANSPORTED FROM THESE AREAS FROM VEHICLE ACTIVITY.
16. ALL POLLUTANTS OTHER THAN SEDIMENT THAT OCCUR DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM WATER.
17. THE CONTRACTOR SHALL KEEP AN INSPECTION LOG OF THE CONDITION OF THE EROSION CONTROL FACILITIES. EROSION CONTROL FACILITIES SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAINFALL. THE INSPECTION LOG SHALL BE KEPT AT THE PROJECT SITE AT A DESIGNATED LOCATION AND SHALL BE AVAILABLE FOR REVIEW BY THE COUNTY. AN INDIVIDUAL THAT HAS SUCCESSFULLY COMPLETED THE COUNTY'S EROSION CONTROL CERTIFICATION COURSE SHALL PERFORM INSPECTIONS AND MAINTAIN THE LOG.
18. ALL TEMPORARY BMP'S SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT SHALL BE DEPOSITED AND STABILIZED ON SITE. AREAS DISTURBED RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
19. CONSTRUCTION SHALL NOT BE CONSIDERED COMPLETE AND ACCEPTABLE UNTIL ALL DISTURBED SOIL SURFACES HAVE BEEN PROTECTED FROM EROSION WITH PERMANENT LANDSCAPING, COVERING WITH IMPERVIOUS SURFACES, RESTORED TO ORIGINAL UNDISTURBED CONDITION OR PERMANENTLY STABILIZED.
20. VEGETATED STABILIZATION AND LANDSCAPING SHALL BE "FERTILIZED, WATERED AND MAINTAINED TO INSURE THAT GROWTH OF VEGETATION IS ESTABLISHED AND SUSTAINED.
21. DURING DRY WEATHER CONSTRUCTION PERIODS THE CONTRACTOR SHALL PROVIDE PROJECT-SPECIFIC DUST CONTROL MEASURES THAT MAY INCLUDE: SEEDING, MULCHING, MATTING, WATER, TACKIFIER, OR CHEMICAL SOIL STABILIZERS. THE CONTRACTOR SHALL MAINTAIN THE DUST CONTROL MEASURES THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED. IMMEDIATELY RE-STABILIZE AREAS DISTURBED BY CONTRACTOR'S OPERATIONS OR OTHER ACTIVITIES (WIND, WATER, VANDALISM, ETC.).
22. ENTRY ONTO THE CONSTRUCTION SITE SHALL BE RESTRICTED TO A SINGLE APPROVED ENTRANCE AS SHOWN ON THE APPROVED PLAN.
23. MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES WHICH INVOLVE POTENTIAL CONTAMINANTS (OIL,SOLVENTS,HYDRAULIC FLUID, ETC.) MUST BE CONDUCTED IN A MANNER WHICH PREVENTS CONTAMINATION OF SOILS, SURFACE WATER AND GROUND WATER. TARPS, DRIP PANS, OR OTHER APPROPRIATE MEASURES SHALL BE USED AS NECESSARY.
24. STRIPPING, TOPSOIL, AND UNSUITABLE MATERIAL STOCKPILES SHALL BE HYDROSEEDED WITH "REGREEN WHEAT X WHEAT GRASS HYBRID" BY HOBBS AND HOBKINS (OR APPROVED EQUAL). MAINTENANCE OF STOCKPILE AREAS AND REAPPLICATION OF HYDROSEED COVERING SHALL BE REQUIRED IF BARE SOIL IS PRESENT. DURING WINTER AND WET WEATHER CONDITIONS, STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING PER DETAIL E-16.
25. 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 AND 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.

SHEET 2 OF 2

NO.	REVISIONS	DATE	BY

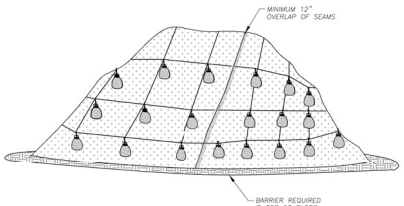
DWG. ECN2.DWG

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CLARK COUNTY WASHINGTON
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STANDARD NOTES FOR EROSION CONTROL PLAN (CONTINUED)

APPROVED — COUNTY ENGINEER — 01/30/15 DATE

STANDARD ECN2 DETAIL DESIGNED DRAWN DATE 11/30/15



PLASTIC SHEETING

NOTES:

1. PLASTIC SHEETING IS USED TO PROVIDE IMMEDIATE PROTECTION TO SLOPES AND STOCKPILES.
2. DO NOT USE PLASTIC COVERING UPSLOPE OF AREAS SUCH AS STEEP AND/OR UNSTABLE SLOPES THAT MIGHT BE ADVERSELY AFFECTED BY CONCENTRATED RUNOFF.
3. WHEN POSSIBLE, INSTALL AN INTERCEPTER DIKE AT THE TOP OF THE PLASTIC TO DIVERT FLOWS AWAY FROM THE PLASTIC.
4. TOE-IN THE TOP OF THE SHEETING IN A 6"x6" TRENCH BACKFILLED WITH COMPACTED NATIVE MATERIAL.
5. INSTALL A GRAVEL BERM, RIPRAP, OR OTHER SUITABLE PROTECTION AT THE TOP OF THE SLOPE IN ORDER TO DISSIPATE RUNOFF VELOCITY.
6. ANCHOR THE PLASTIC USING SANDBAGS OR OTHER SUITABLE TETHERED ANCHOR SYSTEM SPACED ON A 10' ORD SPACING IN ALL DIRECTIONS.
7. OVERLAP SEAMS 1-2', TAPE, ROLL AND STAKE THE SIAMS AND THEN WEIGH DOWN THE ENTIRE LENGTH.
8. BARRIER IS REQUIRED @ TOE OF STOCK PILE.
9. REPLACE TORN SHEETS AND REPAIR OPEN SEAMS. COMPLETELY REMOVE AND REPLACE PLASTIC WHEN IT BEGINS TO DETERIORATE.

NO.	REVISIONS	DATE	BY

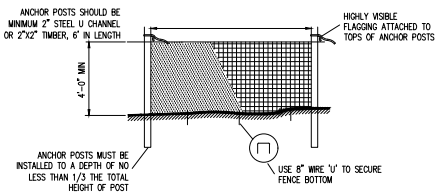
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PLASTIC SHEETING

APPROVED — COUNTY ENGINEER — 5/23/08 DATE

STANDARD E16 DETAIL DESIGNED DRAWN DATE 05/23/08

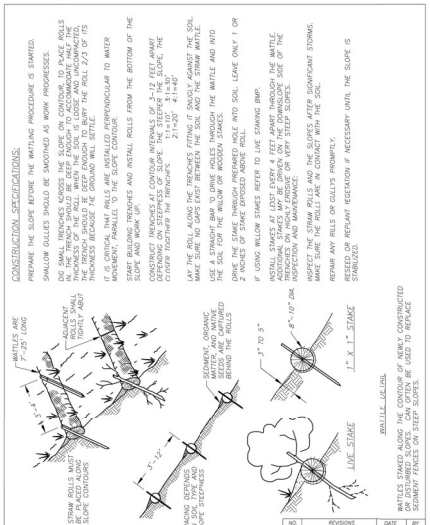


TREE PROTECTION NOTES:

1. BLAZE ORANGE OR BLUE PLASTIC MESH FENCE FOR TREE PROTECTION DEVICE, ONLY.
2. BOUNDARIES OF PROTECTION AREA WILL BE ESTABLISHED IN THE FIELD BY THE ARBORIST PRIOR TO CONSTRUCTION
3. BOUNDARIES OF PROTECTION AREA SHOULD BE STAKED AND FLAGGED BY THE ARBORIST, OR UNDER THE SUPERVISION OF THE ARBORIST, PRIOR TO INSTALLING DEVICES.
4. AVOID DAMAGE TO CRITICAL ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
5. TREE PROTECTION TO BE INSTALLED PRIOR TO CONSTRUCTION AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.

PLASTIC MESH TREE PROTECTION FENCE

NOT TO SCALE



NO.	REVISIONS	DATE	BY

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WATTLE

APPROVED — COUNTY ENGINEER — 5/23/08 DATE

STANDARD E6 DETAIL DESIGNED DRAWN DATE 05/23/08

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CLARK COUNTY WASHINGTON
NE 1/4, S34, T2N, R3E
(#177885-000 #177884-000

DETAILS

DESIGNED BY: MAZ
DRAWN BY: MAZ
MANAGED BY: BDH
CHECKED BY: BDH
DATE: 8/13/2025

PROFESSIONAL ENGINEER — STATE OF WASHINGTON — BRIAN D. HARDEN — 20070 — REGISTERED — PRELIMINARY NOT FOR CONSTRUCTION

REVISIONS

JOB NUMBER 9095

SHEET C501

AKS DRAWING FILE: K:\9095 CSDD DETAILS.DWG | LAYOUT: C501

STANDARD NOTES FOR COUNTY INSTALLED SIGNING AND STRIPING

"X"	INSTAL. "X" STRIPING
EXT "X"	MAINTAIN AND PROTECT EXISTING "X" STRIPING
REM "X"	REMOVE EXISTING "X" STRIPING

"X"	STRIPING NOTES
E	EDGE LINE
E-2	WIDE EDGE LINE
W	WIDE LINE
W-2	PLASTIC WHITE 4-IN LINE
W-3	PLASTIC WHITE 8-IN LINE
WD	LANE LINE
WD	WIDE DOTTED LINE
DE	DOTTED EXTENSION LINE
WDE	WIDE DOTTED EXTENSION LINE
DLL	DROP LANE LINE
Y	PAINT YELLOW 4-IN LINE
Y-2	PLASTIC YELLOW 4-IN LINE
YB	SKIP (CENTER)LINE
D	DOUBLE YELLOW CENTERLINE
D-2	NO-PASS LINE
TWL	TWO-WAY LEFT TURN LINE
BBL	BUFFERED BIKE LANE
CW	CROSSWALK
S	STOP LINE
LA	LEFT TURN ARROW
RA	RIGHT TURN ARROW
LSA	LEFT TURN STRAIGHT ARROW
RSA	RIGHT TURN STRAIGHT ARROW
RSLA	RIGHT TURN STRAIGHT LEFT ARROW
RALA	RIGHT TURN LEFT TURN ARROW
SA	STRAIGHT ARROW
LHA	LANE REDUCTION ARROW
WWA	WRONG WAY ARROW
BS	BICYCLE LANE SYMBOL
BR	BIKE RIDER SYMBOL
SH	SHARED LANE "SHARROW" SYMBOL
RR	RAILROAD CROSSING SYMBOL
YLD	YIELD LINE SYMBOL
YTM	YELLOW TUBULAR MARKER
WTM	WHITE TUBULAR MARKER
ON	"ONLY"
CH	CROSSHATCH MARKING

SIGNING NOTES

SIGN CODE (E)	NEW SIGN ASSEMBLY
SIGN CODE (P)	PROTECT EXISTING SIGN ASSEMBLY
SIGN CODE (R)	REMOVE EXISTING SIGN ASSEMBLY
SIGN CODE (RS)	REMOVE AND SAVE EXISTING SIGN ASSEMBLY
SIGN CODE (RP)	REMOVE EXISTING SIGN ASSEMBLY AND PROTECT EXISTING POST
SIGN CODE (E)	(NEW LOCATION) RELOCATE EXISTING SIGN ASSEMBLY (EXISTING LOCATION)

GENERAL NOTES:

1. THE SIGNING, STRIPING, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE CONTIGUOUS WITH THE EXISTING TRAFFIC CONTROL AND TRAFFIC OPERATIONS.
2. THE CONTRACTOR SHALL MAINTAIN EXISTING PERMANENT SIGNING, STRIPING, PAVEMENT MARKINGS AND TUBULAR MARKERS IN ACCORDANCE WITH SECTION 1-07.23(1) OF THE SPECIFICATIONS.
3. ANY LOOPS DAMAGED OR DESTROYED DURING WORK PERFORMED IN COUNTY RIGHT-OF-WAY SHALL BE REPLACED IN ACCORDANCE WITH CCC 12.20A. SPLICES WILL NOT BE ALLOWED.

FOR PRIVATE DEVELOPMENT:

1. FOR PRIVATE DEVELOPMENT PROJECTS, ITEM 3 AND 4 OF WSDOT STANDARD SPECIFICATIONS 1-07.23(1) SHALL BE MODIFIED TO REPLACE THE TERM "CONTRACTING AGENCY" WITH THE TERM "CONTRACTOR".
2. INSTALLATION OF NEW AND RELOCATED TRAFFIC CONTROL DEVICES, WITHIN THE PUBLIC RIGHT-OF-WAY, WILL BE PERFORMED BY CLARK COUNTY PUBLIC WORKS AFTER THE ROAD IMPROVEMENTS ARE ACCEPTED. ALL WORK PERFORMED BY THE APPLICANT FOR THE COST OF INSTALLING THE TRAFFIC CONTROL DEVICES.
3. INSTALLATION OF NEW AND RELOCATED TRAFFIC CONTROL DEVICES, OUTSIDE OF THE PUBLIC RIGHT-OF-WAY, WILL BE PERFORMED BY THE CONTRACTOR. THE TRAFFIC CONTROL DEVICES WILL BE MAINTAINED BY THE PRIVATE ROAD OWNERS.

STRIPING AND PAVEMENT MARKING NOTES:

1. ALL NEW STRIPING, PAVEMENT MARKINGS, TUBULAR MARKERS, SHALL BE PROVIDED AND INSTALLED BY THE COUNTY.
2. THE CONTRACTOR SHALL REMOVE STRIPING AND PAVEMENT MARKINGS AS SHOWN IN THE CONTRACT PLANS OR AS DIRECTED BY THE ENGINEER. THE STRIPING AND PAVEMENT MARKING REMOVAL PROCESS SHALL CONFORM TO SECTION 8-22.3(5) OF WSDOT STANDARD SPECIFICATIONS.
3. ALL PAVEMENT MARKINGS WIL BE LAID OUT IN THE FIELD BY THE ENGINEER.
4. PAVEMENT MARKING SYMBOLS MUST BE TYPE B PRE-FORMED FUSED THERMOPLASTIC PER 9-34.3(2) OF WSDOT STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED. SEE CLARK COUNTY SPECIAL PROVISIONS FOR INSTALLATION DETAILS.
5. SEE CLARK COUNTY SPECIAL PROVISIONS FOR DETAILS REGARDING GREEN PAVEMENT MATERIAL, IF APPLICABLE.
6. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH SECTION 8-23 OF THE SPECIFICATIONS.

SIGNING NOTES:

1. ALL NEW SIGNING SHALL BE PROVIDED AND INSTALLED BY THE COUNTY.
2. THE CONTRACTOR SHALL REMOVE SIGNS AS SHOWN IN THE CONTRACT PLANS OR AS DIRECTED BY THE ENGINEER.
3. ALL SIGNS WILL BE FIELD STAKED BY THE ENGINEER.
4. R1-1 SIGNS SHALL BE TYPE III SHEETING MATERIAL WITH PROTECTIVE OVERLAY FILM.
5. ALL SIGNS INSTALLED ON TRAFFIC SIGNAL POLES AND MASTARMS SHALL BE TYPE IX SHEETING MATERIAL.
6. FLUORESCENT YELLOW GREEN SIGNS SHALL BE TYPE IX SHEETING MATERIAL.
7. SIGNS INSTALLED ON TRAFFIC SIGNAL AND LIGHT STANDARDS SHALL BE INSTALLED PER WSDOT STANDARD PLAN D-30.10-04
8. THE CONTRACTOR SHALL SURPLUS ALL SIGNS (EXCEPT BARRICADES) AND POSTS TO CLARK COUNTY PUBLIC WORKS AT NO COST TO THE CONTRACT. THE SIGNS AND POSTS SHALL BE RETURNED TO THE COUNTY 149TH STREET MAINTENANCE STATION, LOCATED AT 17609-B NE 149TH STREET, BRUSH PRAIRIE, WA, 98606, AND CONTACTED AT (564) 397-2348.
9. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN CONSTRUCTION SIGNS IN ACCORDANCE WITH SECTION 7-10 OF THE SPECIFICATIONS.

REV. NO.	DATE	BY	APPR

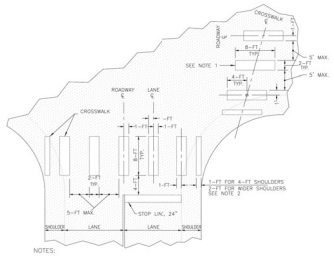
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STANDARD NOTES FOR COUNTY INSTALLED SIGNING AND STRIPING

APPROVED — COUNTY ENGINEER — 07/17/19 DATE

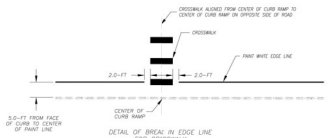
STANDARD T2.0 | DETAIL | ESIGNED | DRAWN | CHKD

INTERSECTION MARKINGS



NOTES:

1. FOR SKEWED CROSSWALKS, POSITION THE LINES PARALLEL TO THE TRAFFIC LANE.
2. INSTALL CROSSWALK LINE IN SHOULDER AREA ONLY WHEN ADJACENT TO SIDEWALK OR SEPARATE WALKWAY.
3. ALL STOP LINE APPLICATIONS SHALL BE 24 INCHES WIDE.
4. ALL CROSSWALKS AND STOP LINES MUST BE EITHER TYPE A LIQUID HOT APPLIED THERMOPLASTIC OR TYPE B PRE-FORMED FUSED THERMOPLASTIC.
5. ALL CROSSWALKS AND STOP LINES SHALL BE WHITE.



DETAIL OF BREAK IN EDGE LINE FOR CROSSWALK

REV. NO.	DATE	BY	APPR

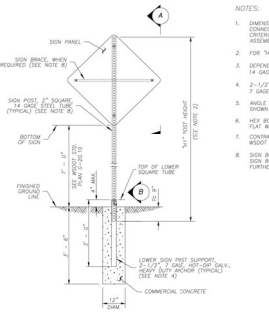
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INTERSECTION MARKINGS

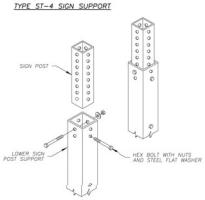
APPROVED — COUNTY ENGINEER — 07/17/19 DATE

STANDARD T3.1 | DETAIL | ESIGNED | DRAWN | CHKD

STEEL SIGN SUPPORT TYPE ST-4 AND SIGN INSTALLATION DETAILS

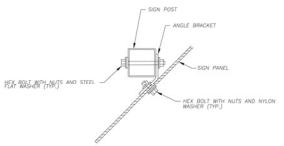


TYPE ST-4 SIGN SUPPORT



NOTES:

1. DIMENSIONS FOR THE PARTS USED TO ASSEMBLE THE BASE CONNECTIONS ARE INTENTIONALLY NOT SHOWN. BASE CONNECTIONS ARE PATENTED, MANUFACTURED PRODUCTS THAT ARE IN COMPLIANCE WITH NCHRP 350 CRASH TEST CRITERIA. THE BASE CONNECTION DETAILS ARE ONLY SHOWN ON THIS PLAN TO ILLUSTRATE HOW THE PARTS ARE ASSEMBLED.
2. FOR "H1" REFER TO THE SIGN SPECIFICATION TABLES IN THE CONTRACT.
3. DEPENDING UPON THE SIGN AREA, SIGN POST MAY BE A 2", 12 OR 14 GAGE POST OR 2-1/2", 12 OR 14 GAGE POST. SEE CONTRACT PLAN.
4. 2-1/2", 7 GAGE HEAVY DUTY ANCHOR IS REQUIRED WITH 2" POST. 3", 7 GAGE HEAVY DUTY ANCHOR IS REQUIRED WITH 2-1/2" POST. SEE CONTRACT PLAN.
5. ANGLE BRACKET SHALL BE USED FOR SIGN POST SQUARE TUBE GALVANIZED STEEL TUBE ATTACHMENT AT 45 DEGREES, SHOWN IN DETAIL 1.
6. HEX BOLT WITH NUTS AND NYLON WASHER SHALL BE USED FOR SIGN ATTACHMENT. HEX BOLT WITH NUTS AND STEEL FLAT WASHER SHALL BE USED FOR ANCHOR ATTACHMENT.
7. CONTRACT PLAN MAY ALLOW THE USE OF OTHER TYPES OF STEEL OR TIMBER SIGN SUPPORT SYSTEM, SPECIFIED IN THE WSDOT STANDARD PLAN, DEPENDING UPON SPECIFIC CONDITIONS AND SOIL TYPE, UPON APPROVAL BY THE ENGINEER.
8. SIGN BRACES ARE REQUIRED FOR SIGN WIDTHS OF 48" (IN) OR GREATER. FOR SIGN WIDTHS OF 36" (IN) OR LESS, SIGN BRACES ARE ONLY REQUIRED WITHEN SPECIFIED IN THE CONTRACT. SEE WSDOT STANDARD PLAN C-50.10 FOR FURTHER DETAILS.



DETAIL 1

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STEEL SIGN SUPPORT TYPE ST-4 AND SIGN INSTALLATION DETAILS

APPROVED — COUNTY ENGINEER — 07/17/19 DATE

STANDARD T7.0 | DETAIL | ESIGNED | DRAWN | CHKD

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#177885-000 #177884-000

DETAILS

DESIGNED BY:	MAZ
DRAWN BY:	MAZ
MANAGED BY:	BDH
CHECKED BY:	BDH

DATE: 8/13/2025

BRENT D. HANSEN — STATE OF WASHINGTON — 21910 — REGISTERED PROFESSIONAL ENGINEER — PRELIMINARY NOT FOR CONSTRUCTION

REVISIONS

JOB NUMBER 9095

SHEET C502