SW 1/4, SE 1/4, SEC 21, T30N, R5E, W.M.

JENNINGS PARK SUBSTATION

SITE DEVELOPMENT

CITY OF MARYSVILLE - COMBINED GRADING AND BUILDING PERMIT APPLICATION

PUBLIC UTILITY DISTRICT No 1 OF SNOHOMISH COUNTY
EVERETT, WASHINGTON

APPLICANT:

PUBLIC UTILITY DISTRICT No 1 OF SNOHOMISH COUNTY
P.O. BOX 1107
EVERETT, WA 98206
WILLIAM BLANCHARD, P.E.
TEL (425) 783-4303
EMAIL: WABLANCHARD@SNOPUD.COM

OWNER:

PUBLIC UTILITY DISTRICT No 1 OF SNOHOMISH COUNTY
P.O. BOX 1107
EVERETT, WA 98206

PROJECT ENGINEER:

PUBLIC UTILITY DISTRICT No 1 OF SNOHOMISH COUNTY
P.O. BOX 1107
EVERETT, WA 98206
WILLIAM BLANCHARD, P.E.
TEL (425) 783-4303
EMAIL: WABLANCHARD@SNOPUD.COM

LAND SURVEYING CONSULTANT:

A.S.P.I., LLC
2822 COLBY AVE, SUITE 300
EVERETT WA, 98201
MATT SCHNIEDERS, P.L.S.
TEL (425) 252-1884

GEOTECHNICAL CONSULTANT:

ZIPPERGEO ASSOCIATES
19019 36TH AVENUE WEST SUITE E
LYNNWOOD, WA 98036
DAVID WILLIAMS, L.G., L.E.G.
TEL (425) 582-9928

CRITICAL AREAS CONSULTANT:

WETLAND RESOURCES
9505 19TH AVENUE SE, SUITE 106
EVERETT, WA 98208
JOHN LAUFENBERG, P.W.S.
TEL (425) 337-3174
FAX (425) 337-3045

LANDSCAPE ARCHITECT:

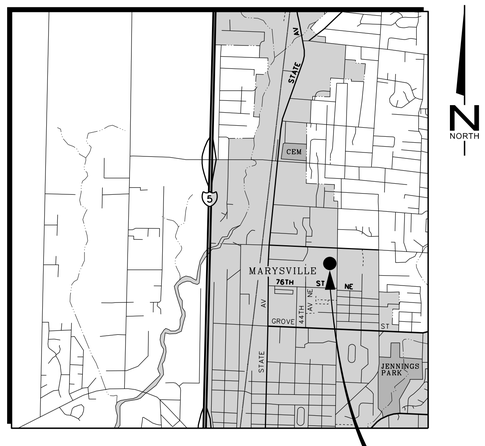
DAVID EVANS AND ASSOCIATES, INC.
14432 SE EASTGATE WAY, SUITE 400
BELLEVUE, WA 98007
JON GAGE
TEL (425) 519-6592

CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL):

SNOHOMISH COUNTY PUD
PO BOX 1107
EVERETT, WA 98206
WILL BLANCHARD
CESCL# ECO-3-8092215

CULTURAL RESOURCES CONSULTANT:

ASM AFFILIATES, INC.
26231 72ND AVE NW, SUITE 201
STANWOOD, WA 98292
DAVID R. IVERSEN, M.A., RPA
NOELLE VASQUEZ, M.A., RPA
TEL (360) 572-4870



VICINITY MAP
SW 1/4, SE 1/4, SEC 21, T30N, R5E, W.M.

PROJECT SITE
7808 47TH AVE NE
MARYSVILLE, WA 98270

LEGAL DESCRIPTION:

PER FIRST AMERICAN TITLE INSURANCE COMPANY SUBDIVISION GUARANTEE NO. 3798704 DATED JULY 27 2021:
PARCEL A(1):
THE SOUTH HALF THE EAST HALF OF THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21. TOWNSHIP 30 NORTH, RANGE 5 EAST. W.M., DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 21:
THENCE SOUTH 0°55'53" EAST ALONG THE EAST LINE OF SAID SUBDIVISION FOR 433.15 FEET;
THENCE SOUTH 89°46'22" WEST FOR 20 FEET TO THE WESTERLY LINE OF THE COUNTY ROAD AS CONVEYED TO SNOHOMISH COUNTER UNDER AUDITOR'S FILE NO. 422289, THE TRUE POINT OF BEGINNING;
THENCE SOUTH 89°46'22" WEST FOR 780.62 FEET;
THENCE SOUTH 1°51'57" EAST 15.72 FEET;
THENCE NORTH 89°52'39" WEST 8.06 FEET;
THENCE SOUTH 0°55'53" EAST FOR 244.65 FEET;
THENCE SOUTH 89°59'40" EAST 11.97 FEET;
THENCE NORTH 1°22'22" WEST 9.30 FEET;
THENCE NORTH 89°28'07" EAST 776.48 FEET TO THE WESTERLY LINE OF THE AFORE DESCRIBED COUNTY ROAD;
THENCE NORTH 0°55'53 WEST ALONG THE SAID WESTERLY MARGIN OF SAID COUNTY ROAD 246.94 FEET TO THE TRUE POINT OF BEGINNING;

EXCEPT THE NORTH 15 FEET.

LESS ROAD RIGHT OF WAY TO THE CITY OF MARYSVILLE PER DEED AND DEDICATION FOR PUBLIC RIGHT OF WAY RECORDED UNDER AUDITOR'S FILE, NO. 199908050634.
PARCEL B(1):
A NON-EXCLUSIVE EASEMENT FOR INGRESS, EGRESS AND UTILITIES OVER, UNDER AND ACROSS A STRIP OF LAND 30.00 FEET IN WIDTH, THE SOUTH LINE OF WHICH IS THE NORTH LINE OF THE TRACT DESCRIBED ABOVE.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

PER FIRST AMERICAN TITLE INSURANCE COMPANY SUBDIVISION GUARANTEE NO. 3798713 DATED JULY 27 2021:
PARCEL A(2):
THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21. TOWNSHIP 30 NORTH. RANGE 5 EAST. W.M., DESCRIBED AS FOLLOWS:

PARCEL A OF STATUTORY WARRANTY DEED FROM HELEN L. BEAR, EXECUTRIX OF THE ESTATE OF CLARA E. VAN METER TO DONALD LACOURSIERE, RECORDED UNDER AUDITOR'S FILE. NO. 2272562, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, SAID PARCEL A BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SUBDIVISION:
THENCE SOUTH 00°55'63" EAST ALONG THE EAST LINE THEROF FOR 453.75 FEET:
THENCE WEST FOR 20 FEET TO THE WEST LINE OF THE EAST 20 FEET OF SAID SUBDIVISION AS CONVEYED TO SNOHOMISH COUNTY BY DEED RECORDED IN VOLUME 240 OF DEEDS AT PAGE 423, THE TRUE POINT OF BEGINNING:
THENCE WEST FOR 780.5 FEET;
THENCE SOUTH FOR 243 FEET;
THENCE EAST ALONG A LINE PARALLEL TO THE SOUTH LINE OF SAID SUBDIVISION FOR 12 FEET TO A POINT WHICH IS DISTANT 796.5 FEET ALONG SAID PARALLEL LINE FROM THE EAST LINE OF SAID SUBDIVISION:
THENCE NORTH 01°22'22" WEST FOR 9.30 FEET:
THENCE NORTH 89°20'07" EAST FOR 776.5 FEET TO SAID WEST LINE OF SAID EAST 20 FEET OF SAID SUBDIVISION:
THENCE NORTH 00°55'53" WEST ALONG THE SAID WEST LINE 226.5 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPT THAT PORTION THEREOF DESCRIBED IN THE STATUTORY WARRANTY DEED FROM DONALD LACOURSIERE TO CHESTER E. AND HELEN L. JENSEN RECORDED UNDER AUDITOR'S FILE NO. 2272564, RECORDS OF SNOHOMISH COUNTY, WASHINGTON. SAID JENSEN PARCEL BEING THE SOUTH HALF OF THE EAST HALF, LESS THE NORTH 15 FEET THEROF, OF ABOVE DESCRIBED PARCEL A: AND

EXCEPT THAT PORTION THEROF DESCRIBED IN THE STATUTORY WARRANTY DEED FROM OLYMPIC BANK AS PERSONAL REPRESENTATIVE FOR THE ESTATE OF DONALD LACOURSIERE TO EUGENE. R. AND PATSY A. ROBERTSON RECORDED UNDER AUDITOR'S FILE NO. 8101230269, RECORD OF SNOHOMISH COUNTY, WASHINGTON, SAID ROBERTSON PARCEL BEING THE NORTH HALF OF THE EAST HALF. LESS THE SOUTH 15 FEET THEROF, OF ABOVE DESCRIBED PARCEL A.

PARCEL B(2):
THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 30 NORTH, RANGE 5 EAST, W.M. DESCRIBED IN QUIT CLAIM DEED FROM MERRILL AND HAZEL METZGER TO DONALD LACOURSIERE RECORDED UNDER AUDITOR'S FILE NO. 758030223, RECORDS OF SNOHOMISH COUNTY, WASHINGTON AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SUBDIVISION:
THENCE NORTH 89°52'39" WEST ALONG THE NORTH LINE OF SUBDIVISION FOR 384.00 FEET;
THENCE SOUTH 00°55'53" EAST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION FOR 435.49 FEET TO AN EXISTING FENCE, THE TRUE POINT OF BEGINNING;
THENCE SOUTH 00°55'53" EAST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION FOR 18.25 FEET;
THENCE NORTH 89°52'39" WEST PARALLEL WITH THE NORTH LINE OF SAID SUBDIVISION FOR 96.00 FEET;
THENCE NORTH 00°55'53" WEST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION 17.67 FEET TO AN EXISTING FENCE;
THENCE NORTH 09°46'22" EAST ALONG AN EXISTING FENCE FOR 95.99 FEET TO THE TRUE POINT OF BEGINNING;

EXCEPT THAT PORTION THEREOF LYING EAST OF THE WEST LINE OF THE EAST HALF OF PARCEL A OF STATUTORY WARRANTY DEED RECORDED UNDER AUDITOR'S FILE NO. 2272562, RECORDS OF SNOHOMISH COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

SITE ADDRESS:
7808 47TH AVE NE
MARYSVILLE, WA 98270

TAX PARCEL NUMBER:
30052100414500, 30052100412500

SITE AREA:
3.36 ACRES

CURRENT LAND USE:
COMMERCIAL/UNDEVELOPED

PROPOSED USE:
ELECTRICAL SUBSTATION (UNSTAFFED)

EXISTING ZONING:
GENERAL COMMERCIAL

WATER:
CITY OF MARYSVILLE WATER SYSTEM

SEWER:
N/A

FIRE DISTRICT:
MARYSVILLE FIRE DISTRICT RFA

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

DRAWING INDEX:

DRAWING NUMBER	DESCRIPTION
S-135-K1	TITLE SHEET FOR COMBINED GRADING AND BUILDING PERMIT
S-135-K1A	CITY OF MARYSVILLE NOTES
* S-135-K2	EXISTING CONDITIONS MAP SHEET 1 OF 2
* S-135-K2A	EXISTING CONDITIONS MAP SHEET 2 OF 2
* S-135-K3	RECORD OF SURVEY SHEET 1 OF 2
* S-135-K3A	RECORD OF SURVEY SHEET 2 OF 2
S-135-K4	SITE PLAN FOR GRADING PERMIT
S-135-K5	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
S-135-K5A	SWPPP DETAILS (SHEET 1 OF 2)
S-135-K5B	SWPPP DETAILS (SHEET 2 OF 2)
S-135-K7	TREE REMOVAL PLAN
S-135-K8	GRADING AND DRAINAGE PLAN
S-135-K8A	GRADING AND DRAINAGE SECTIONS
S-135-K8B	TRANSFORMER AND OIL CONTAINMENT SLAB DETAILS
S-135-K8C	CONTAINMENT, GRADING AND DRAINAGE DETAILS
S-135-K9	SITE GRADING SECTIONS
S-135-K10	FENCE PLAN
S-135-K11	SECURITY FENCE DETAILS
S-135-K12	ACCESS CONTROL GATE
S-135-K13	IDENTIFICATION SIGN DETAILS AND ELEVATIONS
S-135-K14	DRIVEWAY PLAN AND SECTIONS
S-135-K15	FRONTAGE IMPROVEMENTS PLAN AND DETAILS
S-135-KL1	LANDSCAPE PLAN
S-135-KL2	LANDSCAPE AT SOUTH ELEVATION
S-135-KL3	LANDSCAPE AT EAST ELEVATION
S-135-KL4	LANDSCAPE AT NORTH ELEVATION
S-135-KL5	IRRIGATION PLAN

LEGEND

* S-135-XX	DRAWINGS PROVIDED FOR REFERENCE ONLY

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MARYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS FILL PERMITS AND REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

THIS_____DAY OF _____, 2023.

BY: _____
KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.

REVISIONS

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APV'D
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED
PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NONE
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
TITLE SHEET FOR COMBINED GRADING AND BUILDING PERMIT

REV	DRAWING
0	S-135-K1

FILE: W:\S&B\135\WIP\100082332\PERMIT\S-135-K1.dgn
DATE: 10-Feb-23 10:47

GENERAL NOTES:

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF MARYSVILLE. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT DEVELOPMENT SERVICES AT (360-363-8100) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET OF APPROVED PLANS AT THE MEETING.

2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER, SANITARY SEWER AND STORM SYSTEMS.

3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF MARYSVILLE CITY ENGINEERING DESIGN AND DEVELOPMENT STANDARDS (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").

4. ALL WORK WITHIN THE DEVELOPMENT AND CITY RIGHT-OF-WAY SHALL BE SUBJECT TO THE INSPECTION OF THE CITY ENGINEER OR DESIGNATED REPRESENTATIVE.

5. PRIOR TO ANY SITE CONSTRUCTION INCLUDING CLEARING/LOGGING OR GRADING, THE SITE CLEARING LIMITS SHALL BE LOCATED AND FIELD IDENTIFIED BY THE PROJECT SURVEYOR (OR PROJECT ENGINEER) AS REQUIRED BY THESE PLANS. THE PROJECT SURVEYOR'S NAME AND PHONE NUMBER IS TO BE DETERMINED.

6. THE DEVELOPER, CONTRACTOR AND PROJECT ENGINEER IS RESPONSIBLE FOR WATER QUALITY AS DETERMINED BY THE MONITORING PROGRAM ESTABLISHED BY THE PROJECT ENGINEER. THE PROJECT ENGINEER'S NAME AND PHONE NUMBER IS WILLIAM BLANCHARD, P.E. TEL:(425)783-4303.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FOR UTILITY, ROAD, AND RIGHT-OF-WAY CONSTRUCTION. THE CONTRACTOR FOR THIS PROJECT IS TO BE DETERMINED. CONTACT PERSON IS TBD, PHONE TBD, MOBILE PHONE TBD, EMERGENCY PHONE TBD.

8. THE CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SWPPP PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND FINAL STABILIZATION HAS OCCURRED. SEDIMENT LADEN WATERS SHALL NOT ENTER THE CITY STORMWATER DRAINAGE SYSTEM OR A NATURAL DRAINAGE SYSTEM.

9. THE CONTRACTOR SHALL KEEP TWO SETS OF PLANS ON SITE AT ALL TIMES FOR RECORDING RECORD DRAWING INFORMATION: ONE SET SHALL BE SUBMITTED TO THE PROJECT ENGINEER, AND ONE SET SHALL BE SUBMITTED TO THE CITY ENGINEER AT COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF WORK.

10. PRIOR TO CONSTRUCTION THE OWNER AND/OR CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE CITY ENGINEER WHEN CONFLICTS EXIST BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED (INCLUDING PLAN AND PROFILE REVISIONS) AND RESUBMITTED FOR APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.

11. ANY REVISIONS MADE TO THESE PLANS, OR CHANGES TO THE DESIGN MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.

12. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. PRIOR TO CONSTRUCTION THE OWNER AND/OR CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE CITY ENGINEER WHEN CONFLICTS EXIST BETWEEN THE PLANS AND FIELD CONDITIONS. CONFLICTS SHALL BE RESOLVED (INCLUDING PLAN AND PROFILE REVISIONS) AND RESUBMITTED FOR APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.

13. CITY OF MARYSVILLE HORIZONTAL DATUM SHALL BE NAD 83, AND THE VERTICAL DATUM SHALL BE NAVD 88, IN WASHINGTON STATE PLANE COORDINATES (FEET), WASHINGTON NORTH ZONE 4601. A LIST OF BENCHMARKS IS AVAILABLE THROUGH THE PUBLIC WORKS DEPARTMENT.

14. TEMPORARY STREET PATCHING SHALL BE ALLOWED FOR AS APPROVED BY THE CITY ENGINEER. TEMPORARY STREET PATCHING SHALL BE PROVIDED BY PLACEMENT AND COMPACTION OF ATB OR CLASS B ASPHALT CONCRETE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AS REQUIRED.

15. PROVIDE TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS REQUIRED.

16. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THESE APPROVED PLANS ON CONSTRUCTION SITE AT ALL TIMES.

17. ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.

18. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEER'S RESPONSIBILITY. LOCATION OF UTILITIES SHOWN ON CONSTRUCTION PLANS ARE BASED ON BEST RECORDS AVAILABLE AND ARE SUBJECT TO VARIATION. FOR ASSISTANCE IN UTILITY LOCATION, CALL 1-800-424-5555.

19. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.

20. POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. RIGHT-OF-WAY CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM OTHER UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET.

21. ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR OR A WASHINGTON STATE LICENSED PROFESSIONAL CIVIL ENGINEER.

22. DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.

23. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.

24. A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION VISIT THE DEPARTMENT OF ECOLOGY WEB SITE WWW.ECY.WA.GOV/PROGRAMS/WQ/STORMWATER/CONSTRUCTION/.

25. ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY'S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.

26. A GRADING PERMIT ISSUED PURSUANT TO THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE, AND APPROVAL OF THE TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE OBTAINED FROM THE COMMUNITY DEVELOPMENT DEPARTMENT PRIOR TO ANY ON-SITE GRADING WORK NOT EXPRESSLY EXEMPT BY THE CURRENT ADOPTED INTERNATIONAL BUILDING CODE.

27. PRIOR TO COMMENCEMENT OF FRAMING, FINAL DRAINAGE INSPECTION AND APPROVAL OF THE ROOF LEADER AND POSITIVE FOOTING SYSTEMS SHALL BE COMPLETED BY THE BUILDING DEPARTMENT. CALL 360-363-8100 TO SCHEDULE THE INSPECTION.

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MARYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS FILL PERMITS AND REQUIREMENTS OF THEENDANGERED SPECIES ACT.

THIS_____DAY OF _____, 2023.

BY: _____

KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.

ROADWAY NOTES:

1. MONUMENTS SHALL BE INSTALLED AT ALL STREET INTERSECTIONS, AT ANGLE POINTS, AND POINTS OF CURVATURE IN EACH STREET. ALL BOUNDARY MONUMENTS MUST BE INSTALLED ACCORDING TO THE WASHINGTON STATE SUBDIVISION LAWS.

2. CURB AND GUTTER INSTALLATION SHALL CONFORM TO CITY STANDARD DETAIL 3-514.

3. SIDEWALKS AND DRIVEWAYS SHALL BE INSTALLED AS LOTS ARE BUILT ON. SIDEWALKS AND DRIVEWAYS SHALL CONFORM TO CITY STANDARD DETAIL 3-303-001 AND -002. IF ASPHALT IS DAMAGED DURING REPLACEMENT OF CURB AND GUTTER, THE REPAIR SHALL CONFORM TO CITY STANDARD DETAIL 3-514-001.

4. THE SURROUNDING GROUND (5 FEET BEYOND THE BASE) FOR ALL POWER TRANSFORMERS, TELEPHONE/TV PEDESTALS, AND STREET LIGHT MAIN DISCONNECTS SHALL BE GRADED TO A POSITIVE 2 PERCENT SLOPE FROM TOP OF CURB.

5. SIGNAGE AND TRAFFIC CONTROL DEVICES ARE SAFETY ITEMS AND SHALL BE INSTALLED PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY OR PLAT APPROVAL. HOWEVER, IN LARGER DEVELOPMENTS, EXACT LOCATIONS OF STOP AND YIELD SIGNS MAY NEED TO BE DETERMINED AFTER FULL BUILDOUT WHEN TRAFFIC PATTERNS HAVE BEEN ESTABLISHED. IN THIS CASE, CONTRACTOR SHALL PROVIDE INDICATED 7/32CITY-PLACED9/32 SIGNS, SIGNPOSTS, AND BRACKETS TO THE CITY SIGN SPECIALIST (425) 328-7954 FOR LATER INSTALLATION BY THE CITY. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

6. PRIOR TO ANY SIGN OR STRIPING INSTALLATION OR REMOVAL THE CONTRACTOR SHALL CONTACT THE CITY SIGN SPECIALIST (425) 328-7954 TO ARRANGE FOR AN ON-SITE MEETING TO DISCUSS PLACEMENT AND UNIFORMITY.

7. NEW OR REVISED STOP SIGNS OR YIELD SIGNS SHALL BE ADVANCE WARNED USING THE PROCEDURE OUTLINED IN THE MUTCD. ADVANCE WARNING SIGNS AND FLAGS SHALL BE MAINTAINED BY INSTALLER FOR 30 DAYS AND THEN REMOVED.

STORMWATER NOTES:

1. DURING CONSTRUCTION, ALL EXISTING AND NEWLY INSTALLED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM SEDIMENTS.

2. CATCH BASINS SHALL BY TYPE I UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER OR DESIGNATED REPRESENTATIVE. TYPE I CATCH BASINS SHALL CONFORM TO CITY STANDARD DETAIL NO.4-080-007 AND 4-080-008 AND SHALL BE USED ONLY FOR DEPTHS LESS THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.

3. CAST IRON OR DUCTILE IRON FRAME AND GRATE SHALL CONFORM TO CITY STANDARD DETAIL NO.4-080-022. GRATE SHALL BE MARKED WITH "DRAINS TO STREAM". SOLID CATCH BASIN LIDS (SQUARE UNLESS NOTED AS ROUND) SHALL CONFORM TO WSDOT STANDARD PLAN B-30.20-02 (OLYMPIC FOUNDRY NO. SM60, SM52, OR SM44 OR EQUAL). VANED GRATES SHALL BE REQUIRED ON ALL STORM STRUCTURES WHEN ROADWAY PROFILE IS GREATER THAN 3% AND SHALL CONFORM TO WSDOT STANDARD PLAN B-30.30-01 (OLYMPIC FOUNDRY NO. SM60V OR EQUAL). GRATES LOCATED IN THE GUTTER FLOW LINE SHALL BE DEPRESSED 0.1 FEET BELOW PAVEMENT LEVEL.

4. ALL CATCH BASINS AND MANHOLES LOCATED OUTSIDE OF PAVED AREAS, SHALL BE PLACED IN A SIX FOOT SQUARE BY FOUR INCH THICK CONCRETE PAD.

5. ALL CATCH BASINS AND MANHOLES SHALL HAVE LOCKING LIDS. ROLLED GRATES ARE NOT APPROVED FOR USE OUTSIDE OF THE CITY RIGHT-OF-WAY OR FOR USE WITH TYPE II MANHOLES.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET AND CATCH BASIN FRAMES AND GRATES TO GRADE JUST PRIOR TO CURB INSTALLATION AND/OR PAVING.

7. TRENCHING, BEDDING, AND BACKFILL FOR PIPE SHALL CONFORM TO CITY STANDARD DETAIL NO. 3-703-002 AND-003.

8. TRENCH BACKFILL OF NEW UTILITIES AND STORMWATER DRAINAGE SYSTEM FEATURES SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (MODIFIED PROCTOR) UNDER ROADWAYS AND 90% MAXIMUM DENSITY (MODIFIED PROCTOR) OFF ROADWAYS. COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 7-08.3(3) AND 2-03.3(14)C - METHOD B AS DEFINED IN THE CURRENT EDITION OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. FOR PERMEABLE PAVEMENT AND OTHER STORMWATER BMP'S DESIGNED TO INFILTRATE SUBGRADE COMPACTION SHOULD BE "FIRM AND UNYIELDING" (QUALITATIVE), AND 90- 92% STANDARD PROCTOR (QUANTITATIVE). DO NOT ALLOW HEAVY COMPACTION DUE TO HEAVY EQUIPMENT OPERATION. THE SUBGRADE SHOULD NOT BE SUBJECT TO TRUCK TRAFFIC.

9. ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES, AND PROTECTIVE MEASURES FOR CRITICAL AREAS, PRESERVED NATIVE VEGETATION AND SIGNIFICANT TREES SHALL BE INSTALLED PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITIES.

10. STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED BY THE DEVELOPER PRIOR TO: CITY OF MARYSVILLE FINAL ACCEPTANCE OF THE PROJECT AND: UPON COMMENCEMENT AND COMPLETION OF THE 2-YEAR WARRANTY PERIOD FOR THE STORM DRAINAGE SYSTEM.

11. ALL PIPE SHALL BE PLACED ON STABLE EARTH. IF IN THE OPINION OF THE CITY INSPECTOR, THE EXISTING TRENCH FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH GRAVEL BEDDING TO SUPPORT THE PIPE.

12. ALL LANDSCAPED AND LAWN AREAS, EXCEPT AREAS WITHIN THE DRIPLINE OF PRESERVED TREES, SHALL BE AMENDED PER BMP T5.13 POST CONSTRUCTION SOIL QUALITY AND DEPTH IN CHAPTER 5, VOLUME V OF THE STORMWATER MANUAL.

WATER SYSTEM NOTES:

1. BIOLOGICAL TEST SAMPLES WILL BE TAKEN BY THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) AND PAID FOR BY THE CONTRACTOR.

2. WATER MAINS SHALL HAVE A MINIMUM COVER OF 36 INCHES IN IMPROVED RIGHT-OF-WAY AND A MINIMUM OF 48 INCHES IN UNIMPROVED RIGHT-OF-WAY AND EASEMENTS.

3. PIPE FOR WATER MAINS SHALL BE DUCTILE IRON CONFORMING TO SECTION 7-09 OF THE STANDARD SPECIFICATIONS, CLASS 52 WITH TYTON OR APPROVED EQUAL JOINTS. PIPE SHALL BE CEMENT LINED IN ACCORDANCE WITH A.S.A. SPECIFICATION A 21.4-1964.

4. CONNECTIONS TO EXISTING WATER MAINS SHALL TYPICALLY BE WET TAPS THROUGH A TAPPING 'TEE' AND TAPPING VALVE AND SHALL BE MADE BY A CITY-APPROVED CONTRACTOR. THE TAPPING SLEEVE SHALL BE EPOXY COATED OR DUCTILE IRON. STAINLESS SLEEVES SHALL ONLY BE USED ON AC PIPE. THE CITY (OR FMWC, VW OR TCW WHEN SERVED BY THAT PURVEYOR) SHALL APPROVE THE TIME AND LOCATION FOR THESE CONNECTIONS.

5. ALL WATER MAINS AND APPURTENANCES SHALL BE HYDROSTATICALLY TESTED AT 200 PSI IN ACCORDANCE WITH CITY STANDARDS.

6. FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 2-060-001 AND AS DIRECTED BY THE CITY OF MARYSVILLE FIRE CODE OFFICIAL.

7. VALVE MARKER POSTS SHALL BE INSTALLED WHERE VALVE BOXES ARE HIDDEN FROM VIEW OR IN UNPAVED AREAS.

8. RESILIENT SEATED WEDGE GATE VALVES SHALL BE USED FOR 10-INCH MAINS AND SMALLER. BUTTERFLY VALVES SHALL BE USED FOR MAINS GREATER THAN 10 INCHES.

9. PIPE FITTING FOR WATER MAINS SHALL BE DUCTILE IRON AND SHALL BE MECHANICAL JOINT CONFORMING TO AWWA SPECIFICATION C111-72.

10. WATER MAIN PIPE AND SERVICE CONNECTIONS SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.

11. WHERE A WATER MAIN CROSSES THE NORTHWEST GAS PIPELINE, THE WATER LINE SHALL BE CASED WITH PVC PIPE A MINIMUM OF 10 FEET BEYOND EACH SIDE OF THE GAS LINE EASEMENT. CONTACT WILLIAMS NORTHWEST PIPELINE BEFORE THE CROSSING IS MADE.

12. TRENCHING, BEDDING, AND BACKFILL FOR WATER MAINS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DETAIL 3-703-002 AND-003.

13. ALL COMMERCIAL AND INDUSTRIAL DEVELOPMENTS, IRRIGATION SYSTEMS, AND MULTI-FAMILY WATER SERVICE CONNECTIONS SHALL BE PROTECTED BY A DOUBLE CHECK VALVE ASSEMBLY OR A REDUCED PRESSURE BACKFLOW ASSEMBLY AS DIRECTED BY THE CITY CONFORMING TO CITY STANDARD DETAILS 2-153-001.

14. ANY LEAD JOINT FITTING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH A MECHANICAL JOINT FITTING AT THE CONTRACTOR'S EXPENSE.

GRADING, EROSION AND SEDIMENTATION CONTROL NOTES:

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

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

3. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.
1-28

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

5. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR THE TIME PERIOD SET FORTH BY THE SWPPP, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. DURING THE DRY SEASON (MAY 1 13/32 - SEPTEMBER 30) SOILS MAY BE EXPOSED AND UNWORKED FOR 7 DAYS. DURING THE WET SEASON (OCTOBER 1 13/32 - APRIL 30) SOILS MAY BE EXPOSED AND UNWORKED FOR 2 DAYS. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE DRY SEASON. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.

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

7. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY TEMPORARY SEEDING AND MULCHING. HYDROSEEDING IS PREFERRED. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.

8. NON COMPLIANCE WITH THE REQUIREMENTS FOR EROSION CONTROLS, WATER QUALITY, AND CLEARING LIMITS MAY RESULT IN REVOCATION OF PROJECT PERMIT, PLAN APPROVAL, AND BOND FORECLOSURES.

9. ALL EARTH WORK SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARDS. PRECONSTRUCTION SOILS INVESTIGATION MAY BE REQUIRED TO EVALUATE SOILS STABILITY.

10. IF CUT AND FILL SLOPES EXCEED A MAXIMUM OF TWO FEET HORIZONTAL TO ONE FOOT VERTICAL, A ROCK OR CONCRETE RETAINING WALL MAY BE REQUIRED. ALL ROCK RETAINING WALLS GREATER THAN FOUR (4) FEET IN HEIGHT ARE TO BE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER EXPERIENCED IN SOIL MECHANICS.

11. THE SURFACE OF ALL SLOPES SHALL BE COMPACTED. THIS MAY BE ACCOMPLISHED BY OVER-BUILDING THE SLOPES, THEN CUTTING BACK TO FINAL GRADES; OR BY COMPACTING EACH LIFT AS THE SLOPE IS BEING CONSTRUCTED. ALL SLOPES SHALL BE COMPACTED BY THE END OF EACH WORKING DAY.
8.12. UPON COMPLETION OF WORK, FINAL REPORTS MUST BE SUBMITTED TO THE CITY IN CONFORMANCE WITH THE CURRENT CITY ADOPTED INTERNATIONAL BUILDING CODE.

INFILTRATION FACILITY NOTES:

1. INFILTRATION FACILITY INSTALLATIONS SHALL BE DIRECTED/OVERSEEN BY A LICENSED GEOTECHNICAL ENGINEER IF DIRECTED BY THE CITY ENGINEER OR DESIGNEE. THE GEOTECHNICAL ENGINEER SHALL CERTIFY THAT THE UNDERLYING SOIL TYPE AND CONDITION (NATIVE OR FILL SOIL) MEETS THE DEIGN SPECIFICATION PRIOR TO BACKFILLING.

2. THE GEOTECHNICAL ENGINEER WILL PRESCRIBE CORRECTIVE ACTION FOR SOIL THAT DOES NOT MEET THE DESIGN SPECIFICATION. SOIL THAT HAS BEEN OVER COMPACTED OR FOR SOIL THAT HAS BEEN CONTAMINATED BY TURBIDITY. FINAL ENGINEERING APPROVAL IS REQUIRED FROM THE CITY.

3. PERFORMANCE TESTING AND VERIFICATION FOR A FACILITY SHALL BE CONDUCTED BEFORE FINAL CONSTRUCTION APPROVAL BY THE CITY, OR PRIOR TO CONSTRUCTION OF OTHER PROJECT IMPROVEMENTS OR RECORDING OF A SUBDIVISION AS REQUIRED BY MMC 14.15.120. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING CORRECTIONS TO ENSURE THE STORMWATER SYSTEM FUNCTIONS AS DESIGNED.

HYDROSEEDING GENERAL NOTES

1. CONSTRUCTION ACCEPTANCE: WILL BE SUBJECT TO A WELL-ESTABLISHED GROUND COVER THAT FULFILLS THE REQUIREMENTS OF THE APPROVED CONSTRUCTION PLANS AND CITY OF MARYSVILLE STANDARDS.

2. ALL DISTURBED AREAS SUCH AS RETENTION FACILITIES, ROADWAY BACKSLOPES, ETC., SHALL BE SEEDED WITH A PERENNIAL GROUND COVER GRASS TO MINIMIZE EROSION. GRASS SEEDING WILL BE DONE USING AN APPROVED HYDROSEEDER OR AS OTHERWISE APPROVED BY THE CITY OF MARYSVILLE.

3. PREPARATION OF SURFACE: ALL AREAS TO BE SEEDED SHALL BE PREPARED IN A MANNER CONSISTENT WITH BMP T5.13 POST CONSTRUCTION SOIL QUALITY AND DEPTH IN CHAPTER 5 OF VOLUME V OF THE STORMWATER MANUAL.

4. IMMEDIATELY FOLLOWING FINISH GRADING PERMANENT VEGETATION SHALL BE APPLIED CONSISTENT WITH THE DESIGN AND MAINTENANCE STANDARDS FOR TEMPORARY AND PERMANENT SEEDING IN THE CITY ADOPTED DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON.

5. ALL HYDROSEEDING FIRMS SHALL HAVE A PRINTOUT OF THE APPLICATION RATE FOR EACH JOB READILY AVAILABLE FOR INSPECTION BY THE CONSTRUCTION INSPECTION DIVISION OF COMMUNITY DEVELOPMENT.

6. THE CITY OF MARYSVILLE CONSTRUCTION INSPECTION DIVISION OF COMMUNITY DEVELOPMENT SHALL BE NOTIFIED OF POTENTIAL HYDROSEEDING PRIOR TO THE COMMENCEMENT OF SAME TO ENSURE COMPLIANCE OF THESE SPECIFICATIONS.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

1. THE TEMPORARY CONSTRUCTION ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS IN THE PLAN. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURES SPECIFICATIONS.

2. GRAVEL SHALL BE CRUSHED BALLAST ROCK, 12" IN DEPTH AND INSTALLED TO THE SPECIFIED DIMENSIONS AT THE ENTRANCE.

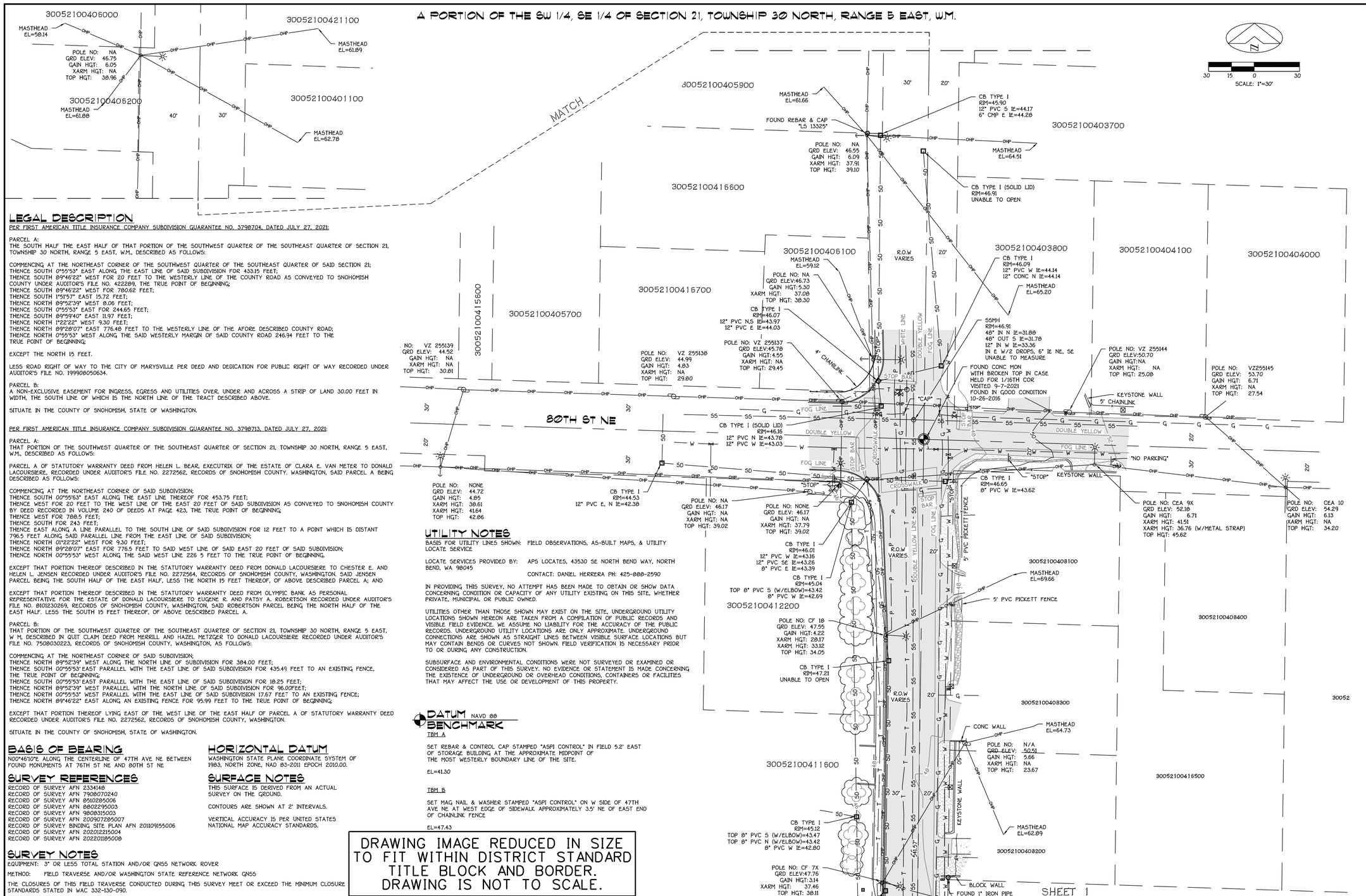
3. THE GRAVEL BALLAST ROCK SHALL BE 4" TO 8" IN DIAMETER AND PLACED ACROSS THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF ENTRANCE SHALL BE A MINIMUM OF 100 FEET.

4. IF CONDITIONS ON THE SITE ARE SUCH THAT MOST OF THE MUD IS NOT REMOVED FROM VEHICLE TIRES BY CONTACT WITH THE GRAVEL, THEN THE TIRES MUST BE WASHED BEFORE VEHICLES ENTER ONTO A PUBLIC ROAD. WASH WATER MUST BE CARRIED AWAY FROM ENTRANCE TO A SETTLING AREA TO REMOVE SEDIMENT. A WASH RACK MAY ALSO BE USED TO MAKE WASHING MORE CONVENIENT AND EFFECTIVE.

5. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2" STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

| NO. | DATE | BY | DESC

A PORTION OF THE SW 1/4, SE 1/4 OF SECTION 21, TOWNSHIP 30 NORTH, RANGE 5 EAST, W.M.



LEGAL DESCRIPTION

PER FIRST AMERICAN TITLE INSURANCE COMPANY SUBDIVISION GUARANTEE NO. 3798704, DATED JULY 27, 2021:

PARCEL A:
THE SOUTH HALF THE EAST HALF OF THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 30 NORTH, RANGE 5 EAST, W.M., DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 21;
THENCE SOUTH 0°55'53" EAST ALONG THE EAST LINE OF SAID SUBDIVISION FOR 433.15 FEET;
THENCE SOUTH 89°46'22" WEST FOR 20 FEET TO THE WESTERLY LINE OF THE COUNTY ROAD AS CONVEYED TO SNOHOMISH COUNTY UNDER AUDITOR'S FILE NO. 422289, THE TRUE POINT OF BEGINNING;
THENCE SOUTH 89°46'22" WEST FOR 780.62 FEET;
THENCE SOUTH 1°31'57" EAST 15.72 FEET;
THENCE NORTH 89°52'39" WEST 8.06 FEET;
THENCE SOUTH 0°55'53" EAST FOR 244.65 FEET;
THENCE SOUTH 89°59'40" EAST 11.97 FEET;
THENCE NORTH 1°22'22" WEST 9.30 FEET;
THENCE NORTH 89°28'07" EAST 776.48 FEET TO THE WESTERLY LINE OF THE AFORE DESCRIBED COUNTY ROAD;
THENCE NORTH 0°55'53" WEST ALONG THE SAID WESTERLY MARGIN OF SAID COUNTY ROAD 246.94 FEET TO THE TRUE POINT OF BEGINNING;

EXCEPT THE NORTH 15 FEET.

LESS ROAD RIGHT OF WAY TO THE CITY OF MARYSVILLE PER DEED AND DEDICATION FOR PUBLIC RIGHT OF WAY RECORDED UNDER AUDITOR'S FILE NO. 199908050634.

PARCEL B:
A NON-EXCLUSIVE EASEMENT FOR INGRESS, EGRESS AND UTILITIES OVER, UNDER AND ACROSS A STRIP OF LAND 30.00 FEET IN WIDTH, THE SOUTH LINE OF WHICH IS THE NORTH LINE OF THE TRACT DESCRIBED ABOVE.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

PER FIRST AMERICAN TITLE INSURANCE COMPANY SUBDIVISION GUARANTEE NO. 3798713, DATED JULY 27, 2021:

PARCEL A:
THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 30 NORTH, RANGE 5 EAST, W.M., DESCRIBED AS FOLLOWS:

PARCEL A OF STATUTORY WARRANTY DEED FROM HELEN L. BEAR, EXECUTRIX OF THE ESTATE OF CLARA E. VAN METER TO DONALD LACOURSIERE, RECORDED UNDER AUDITOR'S FILE NO. 2272562, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, SAID PARCEL A BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SUBDIVISION;
THENCE SOUTH 00°55'53" EAST ALONG THE EAST LINE THEREOF FOR 453.75 FEET;
THENCE WEST FOR 20 FEET TO THE WEST LINE OF THE EAST 20 FEET OF SAID SUBDIVISION AS CONVEYED TO SNOHOMISH COUNTY BY DEED RECORDED IN VOLUME 240 OF DEEDS AT PAGE 423, THE TRUE POINT OF BEGINNING;
THENCE WEST FOR 788.9 FEET;
THENCE SOUTH FOR 243 FEET;
THENCE EAST ALONG A LINE PARALLEL TO THE SOUTH LINE OF SAID SUBDIVISION FOR 12 FEET TO A POINT WHICH IS DISTANT 796.9 FEET ALONG SAID PARALLEL LINE FROM THE EAST LINE OF SAID SUBDIVISION;
THENCE NORTH 01°22'22" WEST FOR 9.30 FEET;
THENCE NORTH 89°28'07" EAST FOR 776.5 FEET TO SAID WEST LINE OF SAID EAST 20 FEET OF SAID SUBDIVISION;
THENCE NORTH 00°55'53" WEST ALONG THE SAID WEST LINE 226 5 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPT THAT PORTION THEREOF DESCRIBED IN THE STATUTORY WARRANTY DEED FROM DONALD LACOURSIERE TO CHESTER E. AND HELEN L. JENSEN RECORDED UNDER AUDITOR'S FILE NO. 2272564, RECORDS OF SNOHOMISH COUNTY, WASHINGTON. SAID JENSEN PARCEL BEING THE SOUTH HALF OF THE EAST HALF, LESS THE NORTH 15 FEET THEREOF, OF ABOVE DESCRIBED PARCEL A; AND

EXCEPT THAT PORTION THEREOF DESCRIBED IN THE STATUTORY WARRANTY DEED FROM OLYMPIC BANK AS PERSONAL REPRESENTATIVE FOR THE ESTATE OF DONALD LACOURSIERE TO EUGENE E. AND PATSY A. ROBERTSON RECORDED UNDER AUDITOR'S FILE NO. 8101230269, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, SAID ROBERTSON PARCEL BEING THE NORTH HALF OF THE EAST HALF. LESS THE SOUTH 15 FEET THEREOF, OF ABOVE DESCRIBED PARCEL A.

PARCEL B:
THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 30 NORTH, RANGE 5 EAST, W M, DESCRIBED IN QUIT CLAIM DEED FROM MERRILL AND HAZEL METZGER TO DONALD LACOURSIERE RECORDED UNDER AUDITOR'S FILE NO. 7508030223, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SUBDIVISION;
THENCE NORTH 89°52'39" WEST ALONG THE NORTH LINE OF SUBDIVISION FOR 384.00 FEET;
THENCE SOUTH 00°55'53" EAST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION FOR 435.49 FEET TO AN EXISTING FENCE, THE TRUE POINT OF BEGINNING;
THENCE SOUTH 00°55'53" EAST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION FOR 18.25 FEET;
THENCE NORTH 89°52'39" WEST PARALLEL WITH THE NORTH LINE OF SAID SUBDIVISION FOR 96.00FEET;
THENCE NORTH 00°55'53" WEST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION 17.67 FEET TO AN EXISTING FENCE;
THENCE NORTH 89°46'22" EAST ALONG AN EXISTING FENCE FOR 95.99 FEET TO THE TRUE POINT OF BEGINNING;

EXCEPT THAT PORTION THEREOF LYING EAST OF THE WEST LINE OF THE EAST HALF OF PARCEL A OF STATUTORY WARRANTY DEED RECORDED UNDER AUDITOR'S FILE NO. 2272562, RECORDS OF SNOHOMISH COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

BASIS OF BEARING

N00°46'10"E ALONG THE CENTERLINE OF 47TH AVE NE BETWEEN FOUND MONUMENTS AT 76TH ST NE AND 80TH ST NE

SURVEY REFERENCES

RECORD OF SURVEY AFN 2334148
RECORD OF SURVEY AFN 7908070240
RECORD OF SURVEY AFN 8102295006
RECORD OF SURVEY AFN 8802295003
RECORD OF SURVEY AFN 9808315003
RECORD OF SURVEY AFN 200907295007
RECORD OF SURVEY BINDING SITE PLAN AFN 201109155006
RECORD OF SURVEY AFN 202012215004
RECORD OF SURVEY AFN 202201185008

HORIZONTAL DATUM

WASHINGTON STATE PLANE COORDINATE SYSTEM OF 1983, NORTH ZONE, NAD 83-2011 EPOCH 2010.00.

SURFACE NOTES

THIS SURFACE IS DERIVED FROM AN ACTUAL SURVEY ON THE GROUND.

CONTOURS ARE SHOWN AT 2' INTERVALS.

VERTICAL ACCURACY IS PER UNITED STATES NATIONAL MAP ACCURACY STANDARDS.

SURVEY NOTES

EQUIPMENT: 3" OR LESS TOTAL STATION AND/OR GNSS NETWORK ROVER

METHOD: FIELD TRAVERSE AND/OR WASHINGTON STATE REFERENCE NETWORK GNSS

THE CLOSURES OF THIS FIELD TRAVERSE CONDUCTED DURING THIS SURVEY MEET OR EXCEED THE MINIMUM CLOSURE STANDARDS STATED IN WAC 332-130-090.

THE INFORMATION SHOWN ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE ON THE INDICATED DATE AND CAN ONLY BE CONSIDERED AS THE GENERAL EXISTING CONDITION AT THAT TIME.

UTILITY NOTES

BASIS FOR UTILITY LINES SHOWN: FIELD OBSERVATIONS, AS-BUILT MAPS, & UTILITY LOCATE SERVICE

LOCATE SERVICES PROVIDED BY: APS LOCATES, 43530 SE NORTH BEND WAY, NORTH BEND, WA 98045

CONTACT: DANIEL HERRERA PH: 425-888-2590

IN PROVIDING THIS SURVEY, NO ATTEMPT HAS BEEN MADE TO OBTAIN OR SHOW DATA CONCERNING CONDITION OR CAPACITY OF ANY UTILITY EXISTING ON THIS SITE, WHETHER PRIVATE, MUNICIPAL OR PUBLIC OWNED.

UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THE SITE. UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE TAKEN FROM A COMPILATION OF PUBLIC RECORDS AND VISIBLE FIELD EVIDENCE. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THE PUBLIC RECORDS. UNDERGROUND UTILITY LOCATIONS ARE ONLY APPROXIMATE. UNDERGROUND CONNECTIONS ARE SHOWN AS STRAIGHT LINES BETWEEN VISIBLE SURFACE LOCATIONS BUT MAY CONTAIN BENDS OR CURVES NOT SHOWN. FIELD VERIFICATION IS NECESSARY PRIOR TO OR DURING ANY CONSTRUCTION.

SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT SURVEYED OR EXAMINED OR CONSIDERED AS PART OF THIS SURVEY. NO EVIDENCE OR STATEMENT IS MADE CONCERNING THE EXISTENCE OF UNDERGROUND OR OVERHEAD CONDITIONS, CONTAINERS OR FACILITIES THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS PROPERTY.

DATUM BENCHMARK

NAVD 88

TBM A

SET REBAR & CONTROL CAP STAMPED "ASPI CONTROL" IN FIELD 5.2' EAST OF STORAGE BUILDING AT THE APPROXIMATE MIDPOINT OF THE MOST WESTERLY BOUNDARY LINE OF THE SITE.

EL=41.30

TBM B

SET MAG NAIL & WASHER STAMPED "ASPI CONTROL" ON W SIDE OF 47TH AVE NE AT WEST EDGE OF SIDEWALK APPROXIMATELY 3.5' NE OF EAST END OF CHAINLINK FENCE

EL=47.43

DRAWING IMAGE REDUCED IN SIZE TO FIT WITHIN DISTRICT STANDARD TITLE BLOCK AND BORDER. DRAWING IS NOT TO SCALE.

SHEET 1 OF 1

SCALE: 1"=30'

REVISIONS:

No.	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR PERMITS WO 100082332	WAB/ZTW	DMH	WAB

REVISIONS

5/10/2022
MATTHEW J. SCHNEIDERS
STATE OF WASHINGTON
22431
REGISTERED PROFESSIONAL LAND SURVEYOR

ASPI, LLC
LAND SURVEYING AND PLANNING
2822 COLBY AVE SUITE 300
EVERETT, WA 98201
(425) 252-1884

BOUNDARY/TOPOGRAPHIC SURVEY
FOR
PUBLIC UTILITY DISTRICT OF SNOHOMISH COUNTY
AND
CITY OF MARYSVILLE
A PORTION OF THE SW 1/4, SE 1/4 OF SEC. 21, TWP. 30 N, RGE. 5 E, W.M.
SNOHOMISH COUNTY, WASHINGTON

DRAWN BY:	AJM
DATE:	05/09/2022
PROJECT NO.	21-407
SHEET NO.	2 OF 2

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO. 1

ORDER	100082332
OPERATION	
SCALE	NTS
DFTR	CMC
CHKR	DMH
ENGR	WAB/ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
EXISTING CONDITIONS MAP
SHEET 1 OF 2

REV	DRAWING
0	S-135-K2

FILE: W:\SUB\135\WIP-100082332\MKM\S-135-K2.dgn
DATE: 10-Feb-23 11:13

SHEET 1
SHEET 2

SCALE: 1"=30'

LINE	BEARING	DISTANCE
L1	N88°13'35"W	64.11'
L2	N00°46'10"E	17.64'

LEGEND

- FOUND SURVEY MONUMENT AS NOTED
- SET 24" X 1/2" REBAR WITH CAP STAMPED "LS 32441" ON 10-13-2021
- FOUND IRON PIPE OR REBAR AND CAP (RBC) AS NOTED
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- HOSE BIB
- POWER METER
- POWER/COMMS JUNCTION BOX
- TRANSFORMER
- YARD LIGHT
- TELEPHONE RISER
- TELEPHONE MANHOLE
- UTILITY POLE
- UTILITY POLE W/LIGHT
- GUY POLE
- GUY ANCHOR
- MAILBOX
- SIGN
- GATE POST
- TYPE I CATCH BASIN
- TYPE II CATCH BASIN
- YARD DRAIN
- SANITARY SEWER MANHOLE
- GAS METER
- GAS VALVE
- DATA POINT
- MONITOR WELL
- DECIDUOUS
- CEDAR
- COTTONWOOD
- FIR
- ASPHALT
- CONCRETE
- GRAVEL
- ROCKERY
- FENCE (TYPE NOTED)
- G — GAS
- SD — STORM DRAIN
- W — WATER
- OHP — OVERHEAD UTILITIES
- P — POWER PAINT MARKING
- SS — SANITARY SEWER
- T — TELEPHONE PAINT MARKINGS

DRAWING IMAGE REDUCED IN SIZE TO FIT WITHIN DISTRICT STANDARD TITLE BLOCK AND BORDER. DRAWING IS NOT TO SCALE.

SHEET 2 OF 2

REVISIONS:					

No.	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

ASPI, LLC
LAND SURVEYING AND PLANNING
2822 COLBY AVE, SUITE 300
EVERETT, WA 98201
(425) 252-1834

BOUNDARY/TOPOGRAPHIC SURVEY
PUBLIC UTILITY DISTRICT OF SNOHOMISH COUNTY
FOR
CITY OF MARYSVILLE
SNOHOMISH COUNTY, WASHINGTON
A PORTION OF THE SW 1/4, SE 1/4 OF SEC. 21, TWP. 30 N, RGE. 5 E, W.M.

DRAWN BY:	AJM
DATE:	05/09/2022
PROJECT NO.	21-407
SHEET NO.	2 OF 2

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NTS
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
EXISTING CONDITIONS MAP
SHEET 2 OF 2

REV	DRAWING
0	S-135-K2A

FILE: W:\048\135\WIP-100082332\PERMITS\S-135-K2A.dgn
DATE: 10-Feb-23 11:15

LEGAL DESCRIPTIONS

PER FIRST AMERICAN TITLE INSURANCE COMPANY SUBDIVISION GUARANTEE NO. 3798704, DATED JULY 27, 2021:

PARCEL A(1):

THE SOUTH HALF THE EAST HALF OF THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 30 NORTH, RANGE 5 EAST, W.M., DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 21;
THENCE SOUTH 0°55'53" EAST ALONG THE EAST LINE OF SAID SUBDIVISION FOR 433.15 FEET;
THENCE SOUTH 89°46'22" WEST FOR 20 FEET TO THE WESTERLY LINE OF THE COUNTY ROAD AS CONVEYED TO SNOHOMISH COUNTY UNDER AUDITOR'S FILE NO. 422289, THE TRUE POINT OF BEGINNING;
THENCE SOUTH 89°46'22" WEST FOR 780.62 FEET;
THENCE SOUTH 1°51'57" EAST 15.72 FEET;
THENCE NORTH 89°52'39" WEST 8.06 FEET;
THENCE SOUTH 0°55'53" EAST FOR 244.65 FEET;
THENCE SOUTH 89°59'40" EAST 11.97 FEET;
THENCE NORTH 1°22'22" WEST 9.30 FEET;
THENCE NORTH 89°28'07" EAST 776.48 FEET TO THE WESTERLY LINE OF THE AFORE DESCRIBED COUNTY ROAD;
THENCE NORTH 0°55'53" WEST ALONG THE SAID WESTERLY MARGIN OF SAID COUNTY ROAD 246.94 FEET TO THE TRUE POINT OF BEGINNING;

EXCEPT THE NORTH 15 FEET.

LESS ROAD RIGHT OF WAY TO THE CITY OF MARYSVILLE PER DEED AND DEDICATION FOR PUBLIC RIGHT OF WAY RECORDED UNDER AUDITOR'S FILE NO. 199908050634.

PARCEL B(1):

A NON-EXCLUSIVE EASEMENT FOR INGRESS, EGRESS AND UTILITIES OVER, UNDER AND ACROSS A STRIP OF LAND 30.00 FEET IN WIDTH, THE SOUTH LINE OF WHICH IS THE NORTH LINE OF THE TRACT DESCRIBED ABOVE.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

PER FIRST AMERICAN TITLE INSURANCE COMPANY SUBDIVISION GUARANTEE NO. 3798713, DATED JULY 27, 2021:

PARCEL A(2):

THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 30 NORTH, RANGE 5 EAST, W.M., DESCRIBED AS FOLLOWS:

PARCEL A OF STATUTORY WARRANTY DEED FROM HELEN L. BEAR, EXECUTRIX OF THE ESTATE OF CLARA E. VAN METER TO DONALD LACOURSIERE, RECORDED UNDER AUDITOR'S FILE NO. 2272562, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, SAID PARCEL A BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SUBDIVISION;
THENCE SOUTH 00°55'63" EAST ALONG THE EAST LINE THEREOF FOR 453.75 FEET;
THENCE WEST FOR 20 FEET TO THE WEST LINE OF THE EAST 20 FEET OF SAID SUBDIVISION AS CONVEYED TO SNOHOMISH COUNTY BY DEED RECORDED IN VOLUME 240 OF DEEDS AT PAGE 423, THE TRUE POINT OF BEGINNING;
THENCE WEST FOR 788.5 FEET;
THENCE SOUTH FOR 243 FEET;
THENCE EAST ALONG A LINE PARALLEL TO THE SOUTH LINE OF SAID SUBDIVISION FOR 12 FEET TO A POINT WHICH IS DISTANT 796.5 FEET ALONG SAID PARALLEL LINE FROM THE EAST LINE OF SAID SUBDIVISION;
THENCE NORTH 01°22'22" WEST FOR 9.30 FEET;
THENCE NORTH 89°28'07" EAST FOR 776.5 FEET TO SAID WEST LINE OF SAID EAST 20 FEET OF SAID SUBDIVISION;
THENCE NORTH 00°55'53" WEST ALONG THE SAID WEST LINE 226 5 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPT THAT PORTION THEREOF DESCRIBED IN THE STATUTORY WARRANTY DEED FROM DONALD LACOURSIERE TO CHESTER E. AND HELEN L. JENSEN RECORDED UNDER AUDITOR'S FILE NO. 2272564, RECORDS OF SNOHOMISH COUNTY, WASHINGTON. SAID JENSEN PARCEL BEING THE SOUTH HALF OF THE EAST HALF, LESS THE NORTH 15 FEET THEREOF, OF ABOVE DESCRIBED PARCEL A; AND

EXCEPT THAT PORTION THEREOF DESCRIBED IN THE STATUTORY WARRANTY DEED FROM OLYMPIC BANK AS PERSONAL REPRESENTATIVE FOR THE ESTATE OF DONALD LACOURSIERE TO EUGENE R. AND PATSY A. ROBERTSON RECORDED UNDER AUDITOR'S FILE NO. 8101230269, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, SAID ROBERTSON PARCEL BEING THE NORTH HALF OF THE EAST HALF. LESS THE SOUTH 15 FEET THEREOF, OF ABOVE DESCRIBED PARCEL A.

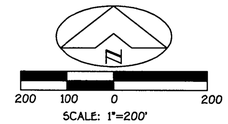
PARCEL B(2):

THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 30 NORTH, RANGE 5 EAST, W M, DESCRIBED IN QUIT CLAIM DEED FROM MERRILL AND HAZEL METZGER TO DONALD LACOURSIERE RECORDED UNDER AUDITOR'S FILE NO. 7508030223, RECORDS OF SNOHOMISH COUNTY, WASHINGTON, AS FOLLOWS:

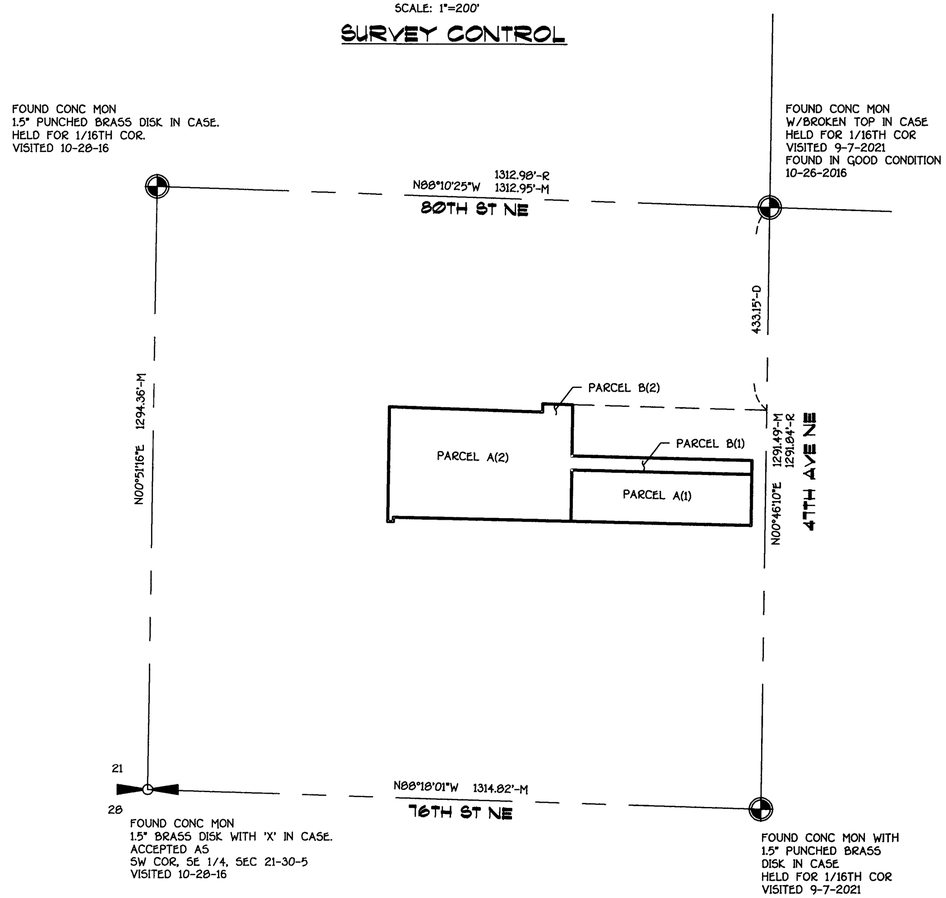
COMMENCING AT THE NORTHEAST CORNER OF SAID SUBDIVISION;
THENCE NORTH 89°52'39" WEST ALONG THE NORTH LINE OF SUBDIVISION FOR 384.00 FEET;
THENCE SOUTH 00°55'53" EAST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION FOR 435.49 FEET TO AN EXISTING FENCE, THE TRUE POINT OF BEGINNING;
THENCE SOUTH 00°55'53" EAST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION FOR 18.25 FEET;
THENCE NORTH 89°52'39" WEST PARALLEL WITH THE NORTH LINE OF SAID SUBDIVISION FOR 96.00 FEET;
THENCE NORTH 00°55'53" WEST PARALLEL WITH THE EAST LINE OF SAID SUBDIVISION 17.67 FEET TO AN EXISTING FENCE;
THENCE NORTH 89°46'22" EAST ALONG AN EXISTING FENCE FOR 95.99 FEET TO THE TRUE POINT OF BEGINNING;

EXCEPT THAT PORTION THEREOF LYING EAST OF THE WEST LINE OF THE EAST HALF OF PARCEL A OF STATUTORY WARRANTY DEED RECORDED UNDER AUDITOR'S FILE NO. 2272562, RECORDS OF SNOHOMISH COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

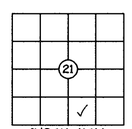


SURVEY CONTROL



DRAWING IMAGE REDUCED IN SIZE TO FIT WITHIN DISTRICT STANDARD TITLE BLOCK AND BORDER. DRAWING IS NOT TO SCALE.

AF # 202201185008
SURVEY Rec: $292.50
1/18/2022 10:47 AM 2 PG
SNOHOMISH COUNTY, WA



INDEX KEY
T30N-R05E

RECORDING CERTIFICATE

FILED FOR RECORD BY MATTHEW J. SCHNEIDERS THIS 18 DAY OF Jan, 2022 A.D., AT 47 MINUTES PAST 10 O'CLOCK A M. AND RECORDED IN VOLUME – OF SURVEYS ON PAGE –, RECORDS OF SNOHOMISH COUNTY, WASHINGTON.

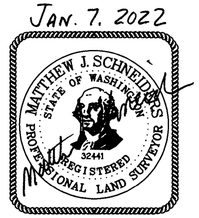
Garth Fell — COUNTY AUDITOR
Diana Mix — DEPUTY AUDITOR

LAND SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF PUBLIC UTILITY DISTRICT NO. 1 OF SNOHOMISH COUNTY IN AUGUST, 2021.

Matthew J. Schneiders — 1-7-22
MATTHEW J. SCHNEIDERS REGISTRATION #32441 DATE

JAN. 7, 2022



ASPI, LLC
LAND SURVEYING AND PLANNING
5205 S 2ND AVE, SUITE A
EVERETT, WA 98203
(425) 252-1884

RECORD OF SURVEY
FOR
PUBLIC UTILITY DISTRICT NO. 1 OF SNOHOMISH COUNTY

A PORTION OF THE SW 1/4, SE 1/4 OF SEC. 21, TWP. 30 N, RGE. 5 E, W.M.

SNOHOMISH COUNTY, WASHINGTON

PREP:	10-8-2021
REV:	
	AJM
	MJS
	1 OF 2
	21-407

No.	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

REVISIONS

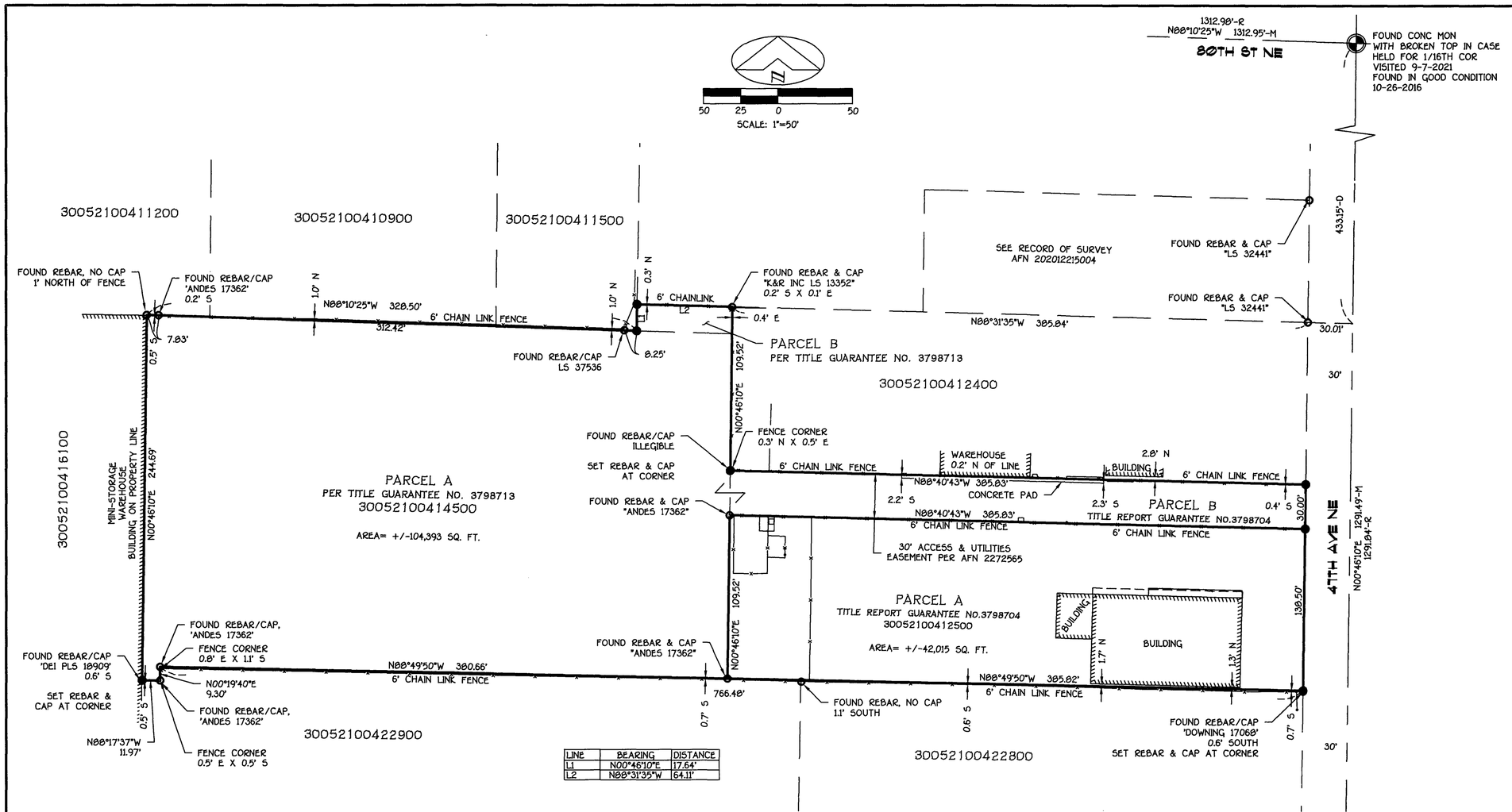
SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NTS
DFTR	C. CORTESE
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
RECORD OF SURVEY
SHEET 1 OF 2

REV	DRAWING
0	S-135-K3

FILE: W:\SUBS\135-JNP-100082332-PERMITS-S135-K3.dgn
DATE: 10-Feb-23 11:17



LINE	BEARING	DISTANCE
L1	N00°46'10"E	17.64'
L2	N88°31'35"W	64.11'

BASIS OF BEARING

N00°46'10"E ALONG THE CENTERLINE OF 47TH AVE NE BETWEEN FOUND MONUMENTS AT 76TH ST NE AND 80TH ST NE

HORIZONTAL DATUM

WASHINGTON STATE PLANE COORDINATE SYSTEM OF 1983, NORTH ZONE, NAD 83-2011 EPOCH 2010.00.

LEGEND

- FOUND MONUMENT AS NOTED
- SET 24" X 1/2" REBAR WITH CAP STAMPED "LS 32441"
- FOUND IRON PIPE OR REBAR AND CAP (RBC) AS NOTED
- D DEED
- C CALCULATED
- M MEASURED

SURVEY NOTES

EQUIPMENT: 3" OR LESS TOTAL STATION AND/OR GNSS NETWORK ROVER

METHOD: FIELD TRAVERSE AND/OR WASHINGTON STATE REFERENCE NETWORK GNSS

THE FIELD TRAVERSES USED IN THIS SURVEY MEET OR EXCEED THOSE STANDARDS CONTAINED IN WAC 332-130-090. THE SET AND LOCATED BOUNDARY MONUMENT POSITIONS MEET OR EXCEED THOSE STANDARDS CONTAINED IN WAC 332-130-085.

THE INFORMATION SHOWN ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE ON THE INDICATED DATE AND CAN ONLY BE CONSIDERED AS THE GENERAL EXISTING CONDITION AT THAT TIME.

NO EASEMENTS, RESTRICTIONS OR RESERVATION OF RECORD WHICH WOULD BE DISCLOSED BY A TITLE REPORT ARE SHOWN.

AF # 202201185008

SURVEY REFERENCES

RECORD OF SURVEY AFN 2334148

RECORD OF SURVEY AFN 7908070240

R- RECORD OF SURVEY AFN 8510285006

RECORD OF SURVEY AFN 8802295003

RECORD OF SURVEY AFN 9808315003

RECORD OF SURVEY AFN 200907285007

RECORD OF SURVEY BINDING SITE PLAN AFN 201109155006

RECORD OF SURVEY AFN 202012215004

DRAWING IMAGE REDUCED IN SIZE TO FIT WITHIN DISTRICT STANDARD TITLE BLOCK AND BORDER. DRAWING IS NOT TO SCALE.

JAN. 7, 2022

MATTHEW J. SCHNEIDERS
STATE OF WASHINGTON
32441
REGISTERED
PROFESSIONAL LAND SURVEYOR

ASPI, LLC
LAND SURVEYING AND PLANNING
5205 S 2ND AVE, SUITE A
EVERETT, WA 98203
(425) 252-1884

RECORD OF SURVEY
FOR
PUBLIC UTILITY DISTRICT NO. 1 OF SNOHOMISH COUNTY

A PORTION OF THE SW 1/4, SE 1/4 OF SEC. 21, TWP. 30 N, RGE. 5 E, W.M.

SNOHOMISH COUNTY, WASHINGTON

PREP:	10-8-2021
REV:	
	AJM
	MJS
	2 OF 2
	21-407

No.	DATE	BY	DESCRIPTION
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332

REVISIONS

ENGR	CHKR	APVD
WAB/ ZTW	DMH	WAB

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO. 1

ORDER	100082332
OPERATION	
SCALE	NTS
DFTR	C. CORTESE
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
RECORD OF SURVEY
SHEET 2 OF 2

REV	DRAWING
0	S-135-K3A

FILE: R:\JOBS\135\WIP-100082332\KRAM\S-135-K3A.dgn
DATE: 10-Feb-23 11:18

SW 1/4, SE 1/4 OF SEC 21, TWP 30N, R5E, W.M.

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MARYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS FILL PERMITS AND REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

THIS_____DAY OF _____, 2023.

BY: _____
KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.

NORTH

SUBSTATION EQUIPMENT AND FACILITIES:

1. 115kV TRANSMISSION TERMINATION POLE
2. 115kV DISCONNECT SWITCH
3. 115kV BUS SUPPORT
4. 115kV BUS TIE SWITCH
5. 115kV CIRCUIT SWITCHER
6. 28MVA POWER TRANSFORMER
7. NEUTRAL GROUNDING REACTOR
8. 12kV 3-PHASE BUS SUPPORT STRUCTURE
9. METALCLAD SWITCHGEAR
10. GRAVEL ACCESS ROAD (RESURFACED)
11. ASPHALT ACCESS ROAD
12. 7-FT SECURITY FENCE
13. CONCRETE CURB
14. SUBSTATION CRUSHED ROCK SURFACE
15. STABILIZED CRUSHED ROCK DRIVE AISLE
16. DRAINAGE SWALE
17. ACCESS CONTROL GATE

LEGEND:

- RIGHT-OF-WAY LINE
- ADJACENT RIGHT-OF-WAY LINE
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- EASEMENT
- 400 EXISTING CONTOUR
- 400 FINISHED CONTOUR
- FENCE
- G EXISTING GAS LINE
- W EXISTING WATER LINE
- SD EXISTING STORM DRAIN LINE
- T EXISTING TELEPHONE LINE
- P EXISTING POWER LINE
- 6" SD PROPOSED STORM DRAIN PIPE & SIZE
- 6" SD PROPOSED PERFORATED STORM DRAIN PIPE & SIZE
- S EXISTING SEWER LINE
- EXISTING CULVERT
- PROPOSED CATCH BASIN
- CO PROPOSED CLEAN OUT
- EXISTING TREE
- EDGE OF PAVEMENT

LAND USE DATA

TAX ACCOUNT No.	30052100412500 30052100414500
EXISTING ZONING	GENERAL COMMERCIAL
SITE AREA	APPROXIMATELY 3.36 ACRES
STREET ADDRESS	7808 47TH AVE NE MARYSVILLE, WA 98270
OWNER	PUD NO.1 OF SNOHOMISH COUNTY PO BOX 1107 EVERETT, WA 98206 TELEPHONE (425) 783-4300

SETBACKS (FT)	STREET	INTERIOR
MMC 22C.020.080	0	0

VICINITY MAP

SW 1/4, SE 1/4 OF SEC 21, TWP 30N, R5E, WM

GENERAL NOTES:

1. TOPOGRAPHIC AND BOUNDARY SURVEY INFORMATION PROVIDED BY ASPI, LLC.
2. IMPERVIOUS SURFACE COVERAGE = 14%.

KEY NOTES:

(1) ENTERING SIGHT DISTANCE TRIANGLE, PER CITY OF MARYSVILLE EDDS 3-212.

DESCRIPTION	IMPERVIOUS AREA (SF)
ASPHALT ACCESS ROADS	10,299
BANK 1 XFMR FNDN & SPILL CONTAINMENT AREA	1,092
BANK 1 SWGR	576
BANK 2 XFMR FNDN & SPILL CONTAINMENT AREA	1,092
BANK 2 SWGR	576
GRAVEL ACCESS ROAD	7,500

PERVIOUS CRUSHED ROCK SURFACING:

DESCRIPTION	AREA (SF)
SUBSTATION SITE AND WALKWAY	37,327

APPROXIMATE GRADING QUANTITIES:	
CUT	2,240 CY
FILL	10,465 CY

30052100411200
SHOG, LLC
GENERAL COMMERCIAL

30052100410900
DURCH
GENERAL COMMERCIAL

30052100411500
DURCH
GENERAL COMMERCIAL

30052100411600
LIBERTY SQUARE APARTMENTS
R18 MULTI-FAMILY MEDIUM ZONE

N-S BASELINE

E-W BASELINE
BANK 1

30052100416100
GLACIER SELF STORAGE
GENERAL COMMERCIAL

LANDSCAPING

FUTURE
BANK 2

30052100412400
SMOKEY POINT MASONRY
GENERAL COMMERCIAL

30052100414500

GATE

PROPOSED 6-FT
SIDEWALK

47TH AVE W

DISTRIBUTION
VAULTS

EXISTING CELL SITE
TO BE REMOVED
BY OTHERS

30052100412500

TRANSMISSION TREE CLEARING
AREA ALL TREES REMOVED

DELTA-MARYSVILLE 115kV

GRAVEL

GETCHELL - 115kV

LANDSCAPING/
STREET TREES

+24.5'

60'

-24.5'

30052100422900
CITY OF MARYSVILLE
GENERAL COMMERCIAL

30052100422800
PARR LUMBER
GENERAL COMMERCIAL

EXISTING
WATER METER

SITE PLAN

1" = 40'

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

40 20 0 40
1" = 40' SCALE IN FEET

No.	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

REVISIONS

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
21645416
REGISTERED
PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
SITE PLAN
FOR GRADING PERMIT

REV	DRAWING
0	S-135-K4

FILE: W:\SUB\135\WIP-100082332\PERMIT\S-135-K4.dgn
DATE: 10-Feb-23 10:56

SW 1/4, SE 1/4 SEC 21, TWP 30N, R5E, W.M.

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MARYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS FILL PERMITS AND REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

THIS_____DAY OF _____, 2023.

BY: _____
KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.

LEGEND:

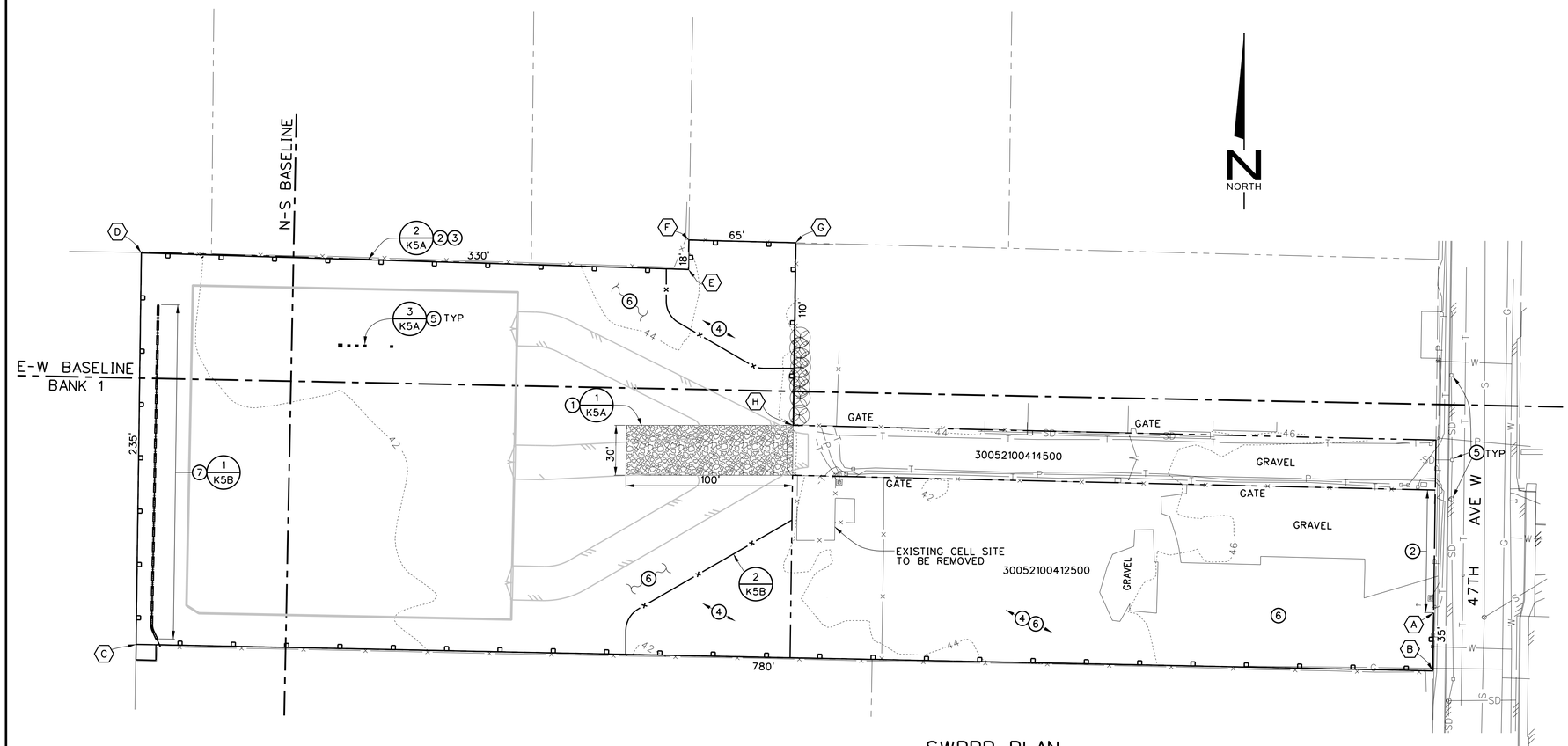
- RIGHT-OF-WAY LINE
- ADJACENT RIGHT-OF-WAY LINE
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- EASEMENT
- 400 EXISTING CONTOUR
- 400 FINISHED CONTOUR
- FENCE
- G EXISTING GAS LINE
- W EXISTING WATER LINE
- SD EXISTING STORM DRAIN LINE
- T EXISTING TELEPHONE LINE
- P EXISTING POWER LINE
- 6" SD PROPOSED STORM DRAIN PIPE & SIZE
- 6" SD PROPOSED PERFORATED STORM DRAIN PIPE & SIZE
- S EXISTING SEWER LINE
- EXISTING CULVERT
- PROPOSED CATCH BASIN
- CO PROPOSED CLEAN OUT
- EXISTING TREE
- EDGE OF PAVEMENT
- HIGH VISIBILITY SILT FENCE
- LIMITS OF CONSTRUCTION HIGH VISIBILITY FENCE

GENERAL NOTES:

1. THE CONTRACTOR SHALL APPLY ALL KNOWN, AVAILABLE, AND REASONABLE METHODS OF PREVENTION, CONTROL, AND TREATMENT OF STORMWATER AND NON-STORMWATER DISCHARGES. THIS INCLUDES THE IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), WITH ALL APPROPRIATE BEST MANAGEMENT PRACTICES INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE SWPPP AND THE TERMS AND CONDITIONS OF THE CONSTRUCTION STORMWATER GENERAL PERMIT.
2. THE IMPLEMENTATION OF THE SWPPP AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE SWPPP FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
3. ALL TEMPORARY EROSION MEASURES SHALL BE INSTALLED BY THE CONTRACTOR, INSPECTED AND APPROVED BY THE DISTRICT AND THE CITY PRIOR TO ALL OTHER CONSTRUCTION.
4. THE SWPPP FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE SWPPP FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.
5. THE SWPPP FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER QUALITY STANDARDS.
6. THE SWPPP FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE CONTINUAL FUNCTION.
7. THE PUBLIC RIGHT-OF-WAY SHALL BE CLEANED BY THE CONTRACTOR OF MUD AND DEBRIS FROM THE SITE. TRACKING OF MUD AND DEBRIS ONTO THE ROADWAY IS PROHIBITED. FAILURE TO COMPLY WITH THIS CONDITION WILL RESULT IN ALL WORK STOPPAGE AT NO ADDITIONAL COST TO THE DISTRICT. ALL VIOLATIONS OR FINES FROM ANY LOCAL OR STATE AGENCIES SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY AND SHALL BE PAID FOR BY THE CONTRACTOR.
8. BEFORE PERFORMING ANY LAND DISTURBING ACTIVITY, THE LIMITS OF GROUND DISTURBANCE AND TREES TO BE RETAINED SHALL BE LOCATED AND MARKED IN THE FIELD, APPROVED BY THE DISTRICT.
9. TREES OUTSIDE THE LIMITS OF GROUND DISTURBANCE SHALL BE RETAINED, SHALL BE PROTECTED IN ACCORDANCE WITH THE NATIONAL ARBOR DAY FOUNDATION, "TRENCHING & TUNNELING NEAR TREES" FIELD POCKET GUIDE FOR QUALIFIED UTILITY WORKERS.
10. HIGH VISIBILITY SILT FENCE SHALL CONFORM TO WSDOT STANDARD PLAN I-30.16-01.
11. CB INLET PROTECTION SHALL CONFORM TO WSDOT STANDARD PLAN I-40.20-00.
12. NO SOILS SHALL REMAIN EXPOSED AND UNWORKED FOR MORE THAN 7-DAYS DURING THE DRY SEASON (MAY 1 - SEPT 30) AND 2-DAYS DURING THE WET SEASON (OCT 1 - APRIL 30).
13. CUT AND FILL SLOPES TO BE STABILIZED AS SOON AS POSSIBLE AND SOIL STOCK PILES TO BE TEMPORARILY COVERED IN PLASTIC SHEETING (BMP C123) DURING WET WEATHER.

KEY NOTES:

1. CONSTRUCTION ENTRANCE. BMP C105.
2. LIMITS OF CONSTRUCTION.
3. INSTALL HIGH VISIBILITY SILT FENCE. BMP C103/C233.
4. UTILIZE EXISTING VEGETATION AS A VEGETATED FILTER STRIP.
5. INSTALL CB INLET PROTECTION. BMP C220 PER WSDOT STANDARD PLAN I-40.20-00.
6. APPLY HYDROSEED TO ALL DISTRUBED AREAS.
7. SEED SWALE PER BMP 120, THEN COVER DISTURBED AREA WITH CURLEX II PER MANUFACTURERS RECOMMENDATIONS.



SWPPP PLAN
1" = 40'

LIMITS OF CONSTRUCTION SCHEDULE

LOCATION	BASELINE OFFSET N-S BASELINE 1	BASELINE OFFSET E-W BASELINE 2	COORDINATES
A	688.37'	122.99'	E 1314162.09 N 391883.43
B	688.61'	157.91'	E 1314161.62 N 391848.51
C	89.76'	157.81'	E 1313383.41 N 391864.40
D	91.37'	77.11'	E 1313386.56 N 392099.30
E	237.10'	73.88'	E 1313714.90 N 392089.41
F	236.98'	91.53'	E 1313715.14 N 392107.06
G	301.09'	91.18'	E 1313779.23 N 392105.41
H	301.84'	18.34'	E 1313777.76 N 931995.90

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

40 20 0 40
1" = 40' SCALE IN FEET

No.	DATE	BY	DESCRIPTION
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332

REVISIONS

ENGR CHKR APVD

WAB/ ZTW | DMH | WAB

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED PROFESSIONAL ENGINEER
2/9/23

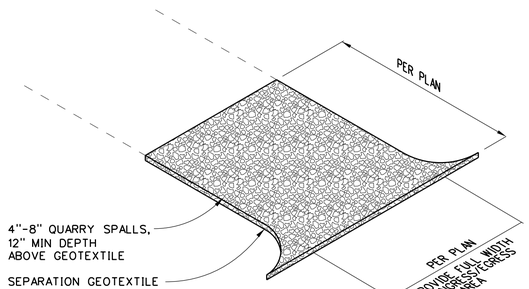
SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

REV	DRAWING
0	S-135-K5

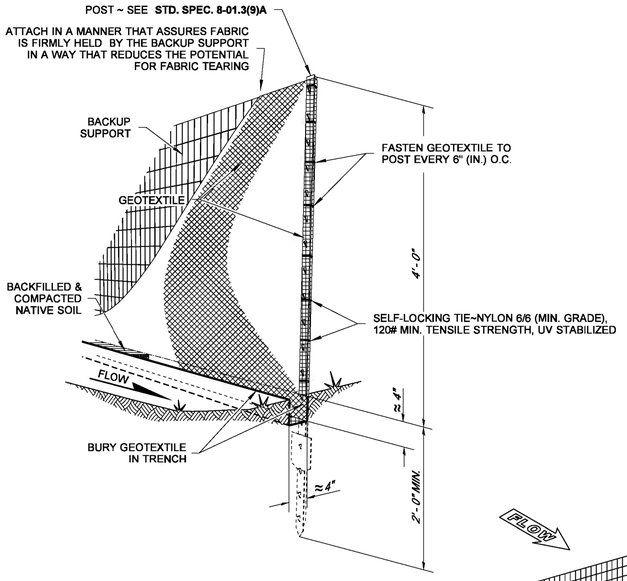
FILE: R:\JOBS\135\WIP\100082332\ACAD\135-K5.dgn
DATE: 10-Feb-23 10:56



STABILIZED CONSTRUCTION ENTRANCE DETAIL

BMP C105
PER STATE STANDARD DRAWING I-80.10-02
NTS

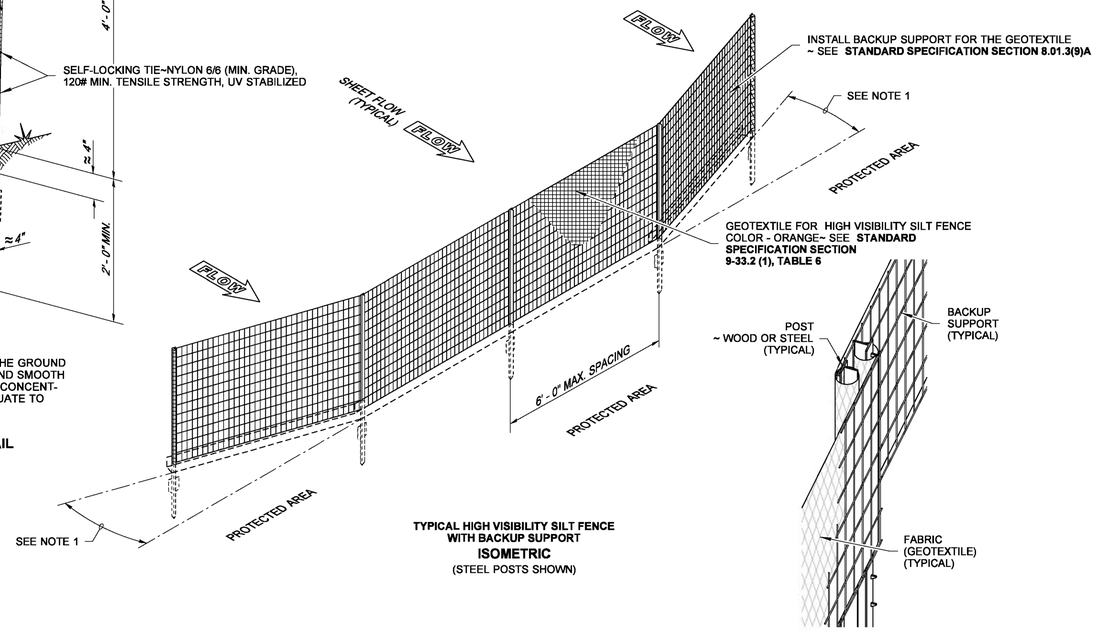
1
K5



NOTE

DURING EXCAVATION, MINIMIZE DISTURBING THE GROUND AROUND TRENCH AS MUCH AS IS FEASIBLE, AND SMOOTH SURFACE FOLLOWING EXCAVATION TO AVOID CONCENTRATING FLOWS. COMPACTION MUST BE ADEQUATE TO PREVENT UNDERCUTTING FLOWS.

TYPICAL INSTALLATION DETAIL
(STEEL POSTS SHOWN)



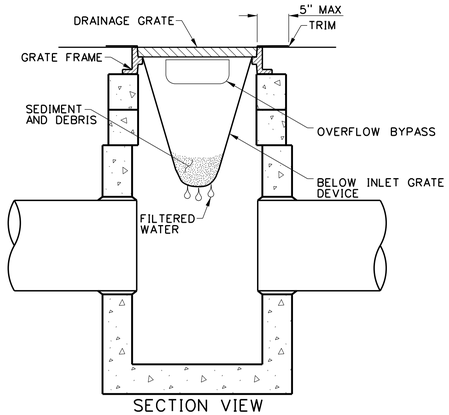
TYPICAL HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT
ISOMETRIC
(STEEL POSTS SHOWN)

SPLICED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP.

HIGH VISIBILITY SILT FENCE AND LIMITS OF CONSTRUCTION

BMP C233
PER STATE STANDARD DRAWING I-30.16-01
NTS

2
K5



SECTION VIEW

TYPICAL DRAIN INLET PROTECTION DETAIL

PER WSDOT STANDARD DRAWING I-40.20-00
NTS

3
K5

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

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THIS_____DAY OF _____, 2023.

BY: _____
KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.

NO	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

REVISIONS

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
21
45416
REGISTERED
PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NONE
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION

SWPPP DETAILS
(SHEET 1 OF 2)

REV	DRAWING
0	S-135-K5A

FILE: W:\SUB\135\WIP-100082332\PERMIT\S-135-K5A.dgn
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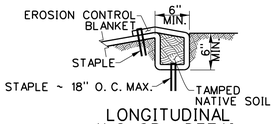
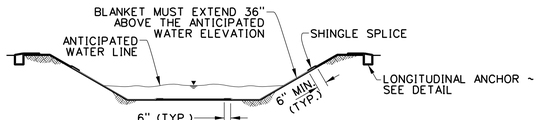
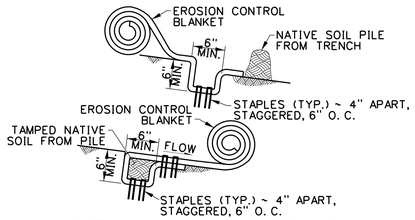


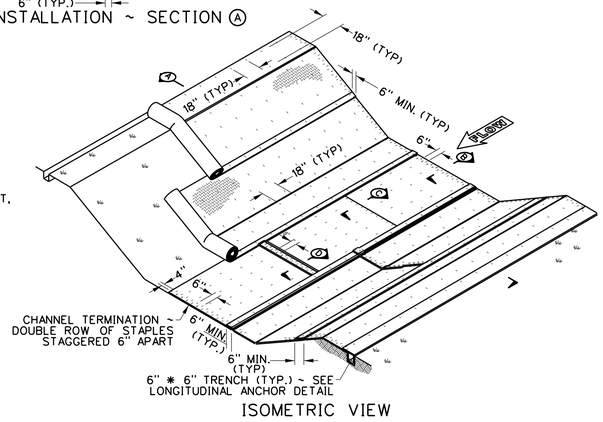
LONGITUDINAL ANCHOR DETAIL



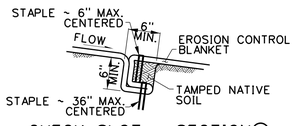
CHANNEL INSTALLATION ~ SECTION Ⓐ



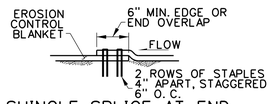
INITIAL ANCHOR ~ SECTION Ⓑ



ISOMETRIC VIEW



CHECK SLOT ~ SECTION Ⓒ



SHINGLE SPLICE AT END OF ROLL SECTION Ⓓ

NOTES

1. MORE THAN THE MINIMUM OF ONE FASTENER PER SQUARE YARD MAY BE REQUIRED DUE TO CONDITIONS SUCH AS BLANKET COMPOSITION, SOIL TYPE, SURFACE UNIFORMITY, AND FLOW VELOCITY.
2. INSTALL CHECK SLOTS PER MANUFACTURER'S RECOMMENDATIONS.
3. SEE STANDARD SPECIFICATION 8-01.3(3) AND 9-14.5(2)
4. USE MANUFACTURER'S REQUIREMENTS. WHEN MANUFACTURER'S REQUIREMENTS ARE NOT PROVIDED, USE INSTALLATION REQUIREMENTS SHOWN ON STANDARD PLAN.
5. ADDITIONAL STAPLES MAY BE REQUIRED FOR HIGH FLOW EXPOSURE.

INSTALLATION STEPS:

1. PREPARE SMOOTH SLOPE.
2. AMEND SOIL AND SEED, AS SPECIFIED.
3. DIG ANCHOR TRENCH. SET ASIDE NATIVE SOIL REMOVED FROM TRENCH.
4. SECURE BLANKET IN ANCHOR TRENCH, STAKING OR STAPLING BLANKET AS SHOWN.
5. REPLACE NATIVE SOIL PREVIOUSLY REMOVED FROM TRENCH.
6. ROLL BLANKET PARALLEL TO THE SLOPE IN A CONTROLLED MANNER, TAKING CARE TO REMOVE EXCESS SLACK, AND TAKING CARE NOT TO STRETCH BLANKET.
7. STAKE OR STAPLE BLANKET AS SHOWN SO THERE ARE NO GAPS BETWEEN THE BLANKET AND THE SOIL. STAPLE WHILE UNROLLING BLANKET TO MINIMIZE WALKING ON BLANKET.

BIODEGRADABLE EROSION CONTROL BLANKET

BMP C122
PER STATE STANDARD DRAWING I-60.20-01
NTS

1 / K5

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

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THIS_____DAY OF _____, 2023.

BY: _____
KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

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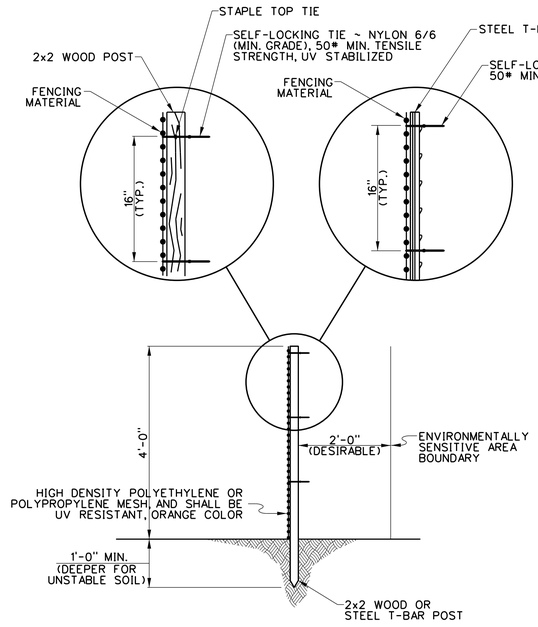
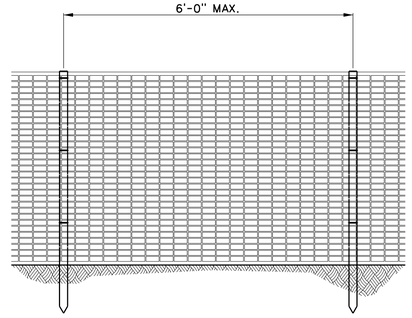


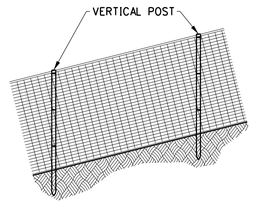
TYPICAL SECTION

NOTE

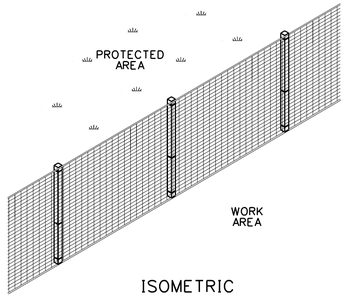
1. POST SHALL HAVE SUFFICIENT STRENGTH AND DURABILITY TO SUPPORT THE FENCE THROUGH THE LIFE OF THE PROJECT.



ELEVATION



ELEVATION
FENCE ON SLOPE



ISOMETRIC

HIGH VISIBILITY FENCE

BMP C103
PER STATE STANDARD DRAWING I-10.10-01
NTS

2 / K5

No.	DATE	BY	DESCRIPTION
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332

ENGR	CHKR	APVD	REVISIONS
WAB/ ZTW	DMH	WAB	

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED
PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO. 1

ORDER	100082332
OPERATION	
SCALE	NONE
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
SWPPP DETAILS (SHEET 2 OF 2)

REV.	DRAWING
0	S-135-K5B

FILE: W:\SUB\135\WIP\100082332\DRAWINGS\135-K5B.dgn
DATE: 10-Feb-23 10:58

SW 1/4, SE 1/4 SEC 21, TWP 30N, R5E, W.M.

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

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THIS_____DAY OF _____, 2023.

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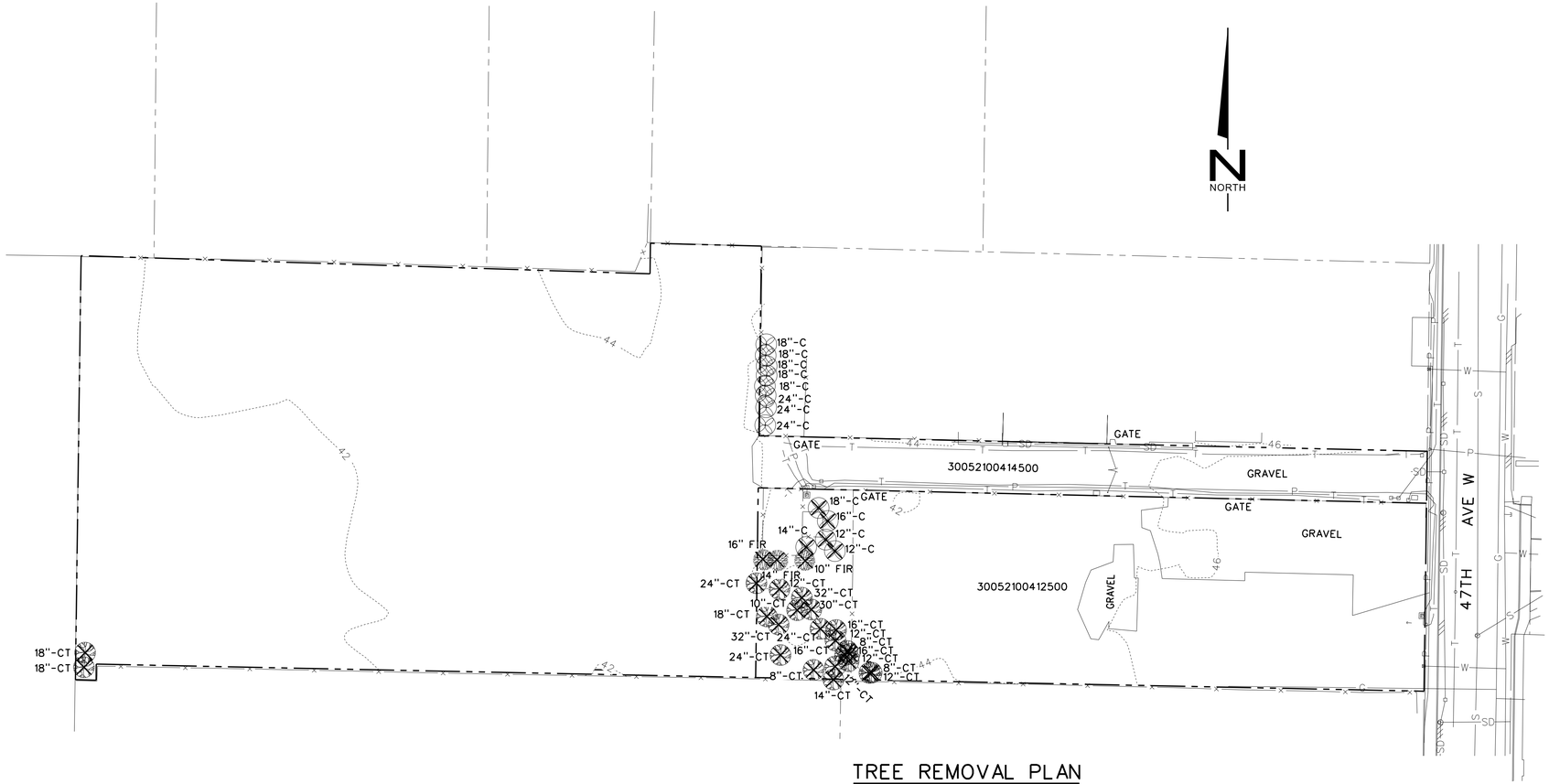
TREE REMOVAL SCHEDULE	
DIAMETER	QUANTITY
8-INCH	3
10-INCH	2
12-INCH	7
14-INCH	3
16-INCH	5
18-INCH	4
24-INCH	3
30-INCH	1
32-INCH	2
TOTAL	30

LEGEND:

⊗	TREE (DECIDUOUS)
⊗	TREE (CONIFER)
⊗	TREE (DECIDUOUS) (TO BE REMOVED)
⊗	TREE (CONIFER) (TO BE REMOVED)
C	CEDAR
CT	COTTONWOOD
FIR	FIR

GENERAL NOTES:

1. TREE REMOVAL INCLUDES REMOVAL OF STUMP.



TREE REMOVAL PLAN
1" = 40'

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

40 20 0 40
1" = 40' SCALE IN FEET

NO	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

REVISIONS

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
TREE REMOVAL PLAN

REV	DRAWING
0	S-135-K7

FILE: W:\SUB\135\WIP-100082332\PERMIT\S-135-K7.dgn
DATE: 10-Feb-23 10:58

SW 1/4, SE 1/4 OF SEC 21, TWP 30N, R5E, W.M.

CITY OF MARYSVILLE

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GENERAL NOTES:

1. EXCAVATE, FILL, AND GRADE TO ACHIEVE THE ELEVATIONS INDICATED BY THE PROPOSED CONTOURS AND ELEVATIONS SHOWN ON THE PLANS, PROFILES, AND SECTIONS.
2. PROPOSED CONTOURS REPRESENT FINISHED GRADE ELEVATIONS.
3. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STATE SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.
4. PVC PIPE AND FITTINGS SHALL BE SOLID WALL MEETING THE REQUIREMENTS OF ASTM D 3034 AND SHALL CONFORM TO THE REQUIREMENTS OF STATE SPECIFICATIONS 9-05.12.
5. PERFORATED PVC PIPE SHALL BE SOLID WALL MEETING THE REQUIREMENTS OF ASTM D 3034 WITH TWO ROWS OF 1/2" DIAMETER HOLES SPACED 5" ON CENTER. EACH ROW SHALL BE 120 DEGREES APART.
6. SCHEDULE 80 PVC SHALL MEET THE REQUIREMENTS OF ASTM D 1785.
7. CONCRETE INLETS SHALL BE FLAT BOTTOM AND CONFORM TO STATE STANDARD PLAN B-25.60-02.
8. TYPE 1 CATCH BASINS SHALL BE FLAT BOTTOM AND CONFORM TO STATE STANDARD PLAN B-5.20-03.
9. TYPE 1L CATCH BASINS SHALL BE FLAT BOTTOM AND CONFORM TO STATE STANDARD PLAN B-5.40-02.
10. RECTANGULAR FRAMES SHALL CONFORM TO STATE STANDARD PLAN B-30.10-03.
11. ALL CATCH BASIN AND CONCRETE INLET GRATES SHALL BE RECTANGULAR HERRINGBONE GRATES PER STATE STANDARD PLAN B-30.50.03, UNLESS SPECIFIED OTHERWISE.
12. RECTANGULAR SOLID METAL COVERS SHALL CONFORM TO STATE STANDARD PLAN B-30.20-04.

SUBSTATION DRAINAGE STRUCTURE SCHEDULE

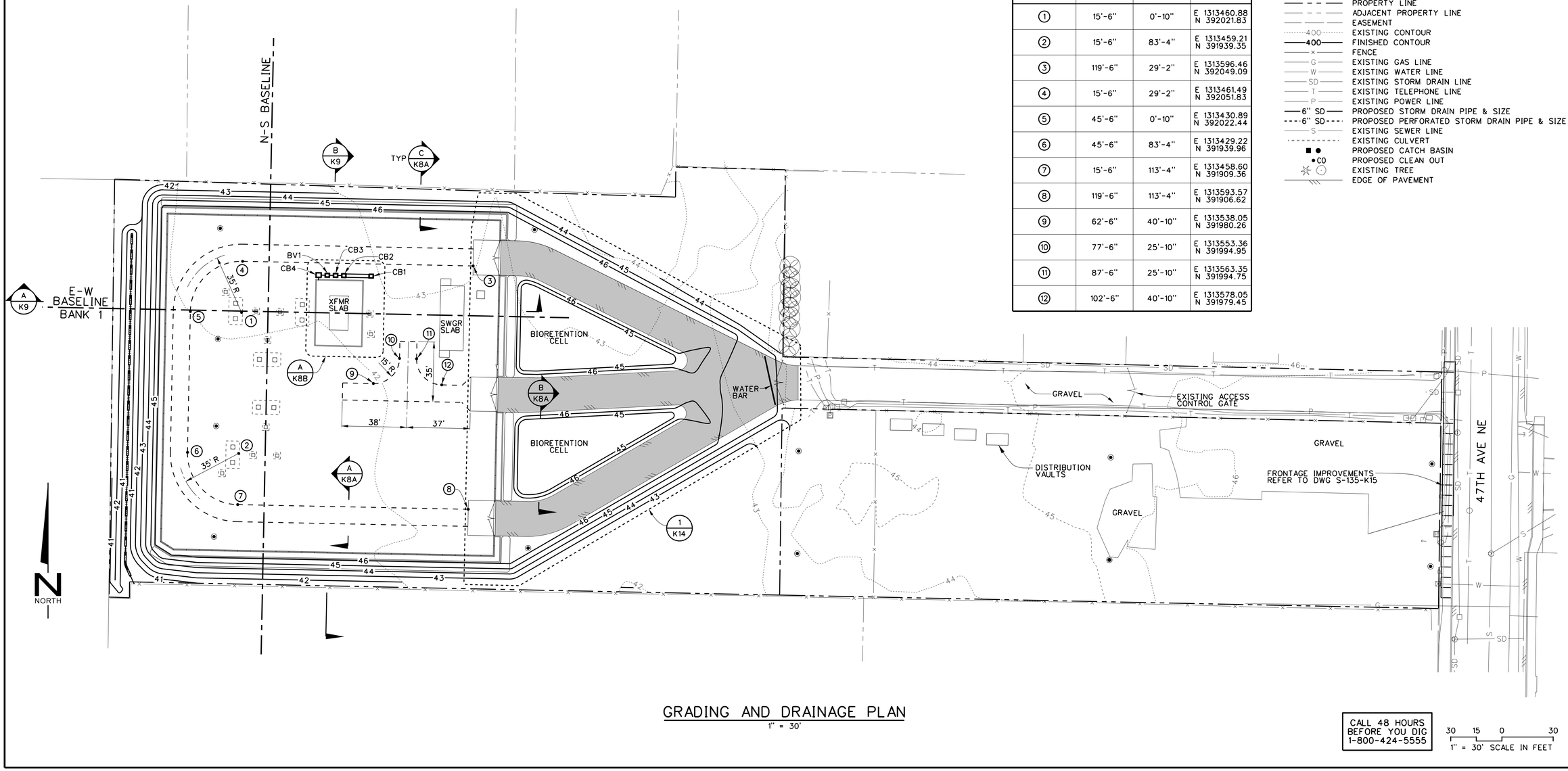
DESIGNATION	TYPE	PIPE LENGTH AND SLOPE	BASELINE OFFSET		RIM EL (FT.)	PIPE INVERT(S)	REMARKS
			N-S BASELINE	E-W BASELINE			
CB1	CONCRETE INLET		59'-11" E	22'-0" S	46.17		(5) K8C FRAME CAST INTO PRECAST ADJUSTMENT SECTION
CB2	CONCRETE INLET		43'-11" E	22'-0" S	46.17	44.75 (W) 6" PVC	(4) K8C FRAME CAST INTO PRECAST ADJUSTMENT SECTION
CB3	TYPE 1	3LF @ 2.7% TO CB2	39'-1" E	22'-0" S	46.50	44.83 (W) 4" PVC 44.83 (E) 6" PVC	(3) K8C W/ OIL TRAP FRAME CAST INTO PRECAST ADJUSTMENT SECTION
CB4	TYPE 1L	2LF @ 4.2% FROM SLAB 8LF @ 1.1% TO CB3	29'-2" E	22'-0" S	47.00	45.08 (S) 4" PVC 44.92 (E) 4" PVC	(1) K8C W/ OIL STOP VALVE FRAME CAST INTO PRECAST ADJUSTMENT SECTION
BV1	CUSTOM		34'-3" E	22'-0" S	46.50		(2) K8C BALL VALVE

DEFINED DRIVE PATH SCHEDULE

LOCATION	BASELINE OFFSET N-S BASELINE	BASELINE OFFSET E-W BASELINE 1	COORDINATES
①	15'-6"	0'-10"	E 1313460.88 N 392021.83
②	15'-6"	83'-4"	E 1313459.21 N 391939.35
③	119'-6"	29'-2"	E 1313596.46 N 392049.09
④	15'-6"	29'-2"	E 1313461.49 N 392051.83
⑤	45'-6"	0'-10"	E 1313430.89 N 392022.44
⑥	45'-6"	83'-4"	E 1313429.22 N 391939.96
⑦	15'-6"	113'-4"	E 1313458.60 N 391909.36
⑧	119'-6"	113'-4"	E 1313593.57 N 391906.62
⑨	62'-6"	40'-10"	E 1313538.05 N 391980.26
⑩	77'-6"	25'-10"	E 1313553.36 N 391994.95
⑪	87'-6"	25'-10"	E 1313563.35 N 391994.75
⑫	102'-6"	40'-10"	E 1313578.05 N 391979.45

LEGEND:

- RIGHT-OF-WAY LINE
- ADJACENT RIGHT-OF-WAY LINE
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- EASEMENT
- 400 EXISTING CONTOUR
- 400 FINISHED CONTOUR
- FENCE
- G EXISTING GAS LINE
- W EXISTING WATER LINE
- SD EXISTING STORM DRAIN LINE
- T EXISTING TELEPHONE LINE
- P EXISTING POWER LINE
- 6" SD PROPOSED STORM DRAIN PIPE & SIZE
- 6" SD PROPOSED PERFORATED STORM DRAIN PIPE & SIZE
- S EXISTING SEWER LINE
- EXISTING CULVERT
- PROPOSED CATCH BASIN
- CO PROPOSED CLEAN OUT
- EXISTING TREE
- EDGE OF PAVEMENT



GRADING AND DRAINAGE PLAN

1" = 30'

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

30 15 0 30

1" = 30' SCALE IN FEET

NO	DATE	BY	DESCRIPTION
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332

REVISIONS

ENGR: WAB/ZTW CHKR: DMH APVD: WAB

WILLIAM A. BLANCHARD STATE OF WASHINGTON 45416 REGISTERED PROFESSIONAL ENGINEER 2/9/23

SNOHOMISH COUNTY PUD PUBLIC UTILITY DISTRICT NO 1

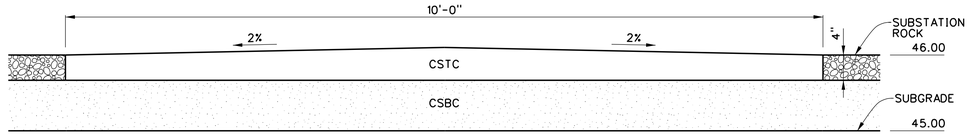
ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION

GRADING AND DRAINAGE PLAN

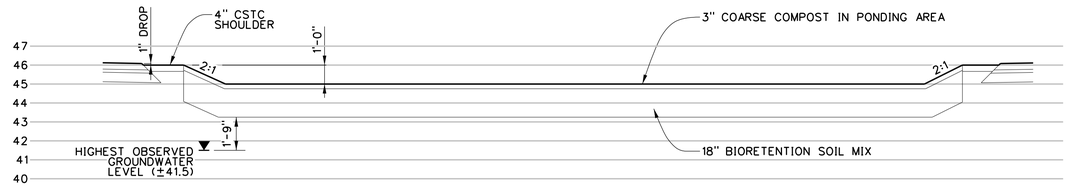
REV	DRAWING
0	S-135-K8

FILE: P:\SAB\335\WIP-100082332\PERMIT\S-135-K8.dgn
DATE: 10-Feb-23 10:58



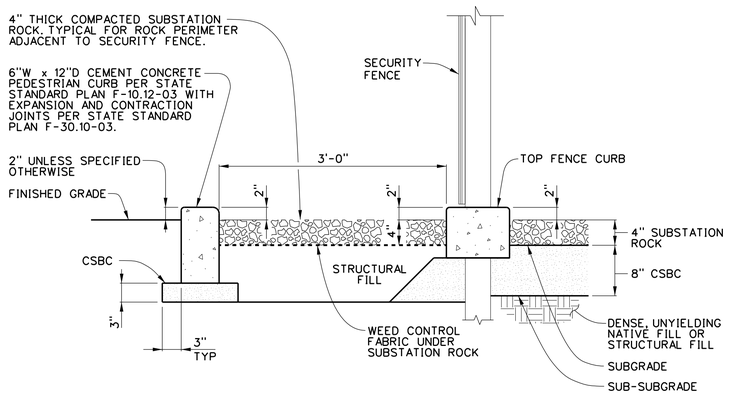
TYPICAL DEFINED DRIVE AISLE SECTION A / K8

1" = 1'-0"



TYPICAL BIORETENTION CELL SECTION B / K8

1/4" = 1'-0"



TYPICAL ROCK PERIMETER AND SUBSTATION YARD SECTION C / K8

1" = 1'-0"

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

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THIS _____ DAY OF_____, 2023.

BY: _____

KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.

12 6 0 1
1" = 1'-0" SCALE IN FEET

12 0 1 2 3
1/4" = 1'-0" SCALE IN FEET

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
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REVISIONS

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED
PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO. 1

ORDER	100082332
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SCALE	NOTED
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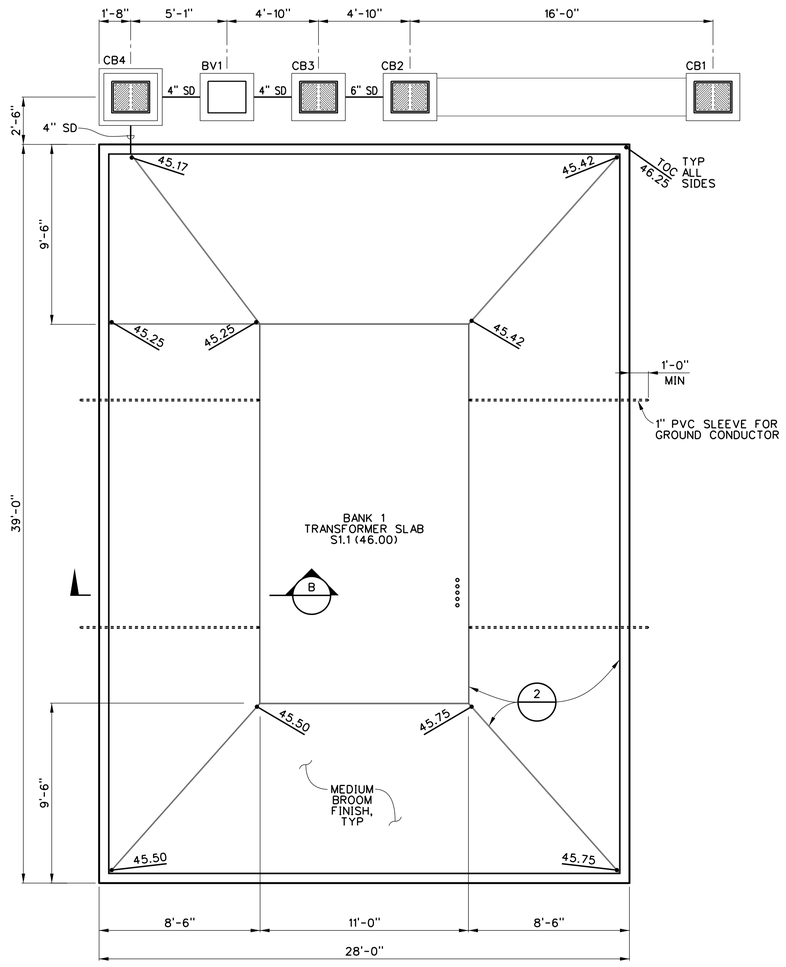
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION

GRADING AND DRAINAGE SECTIONS

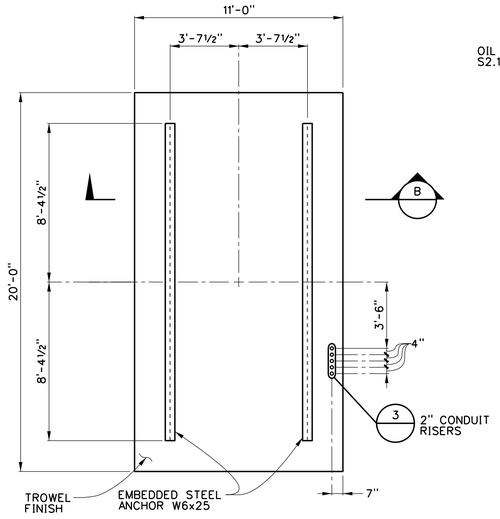
REV	DRAWING
0	S-135-K8A

FILE: W:\SUB\135\WIP\100082332\PERMITS\S-135-K8A.dgn
DATE: 10-Feb-23 10:58



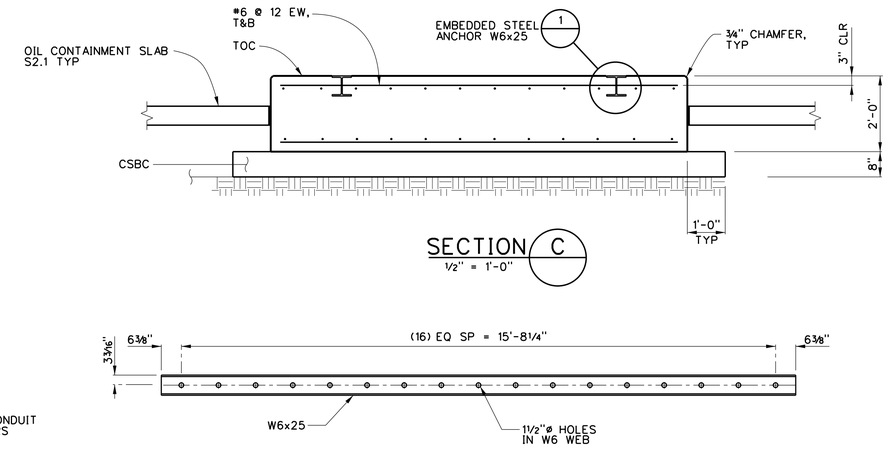
OIL CONTAINMENT SLAB S2.1 PLAN (A / K8)

1/4" = 1'-0"



TRANSFORMER SLAB S1.1 PLAN

1/4" = 1'-0"

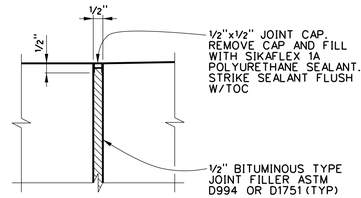


SECTION C

½" = 1'-0"

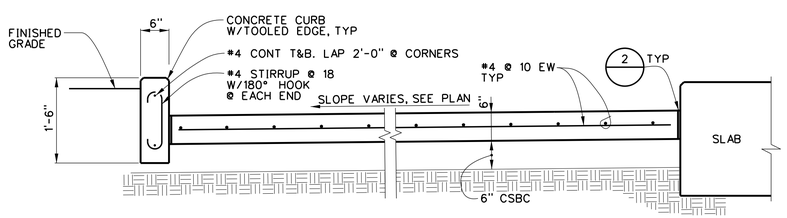
EMBEDDED STEEL ANCHOR DETAIL 1

½" = 1'-0"



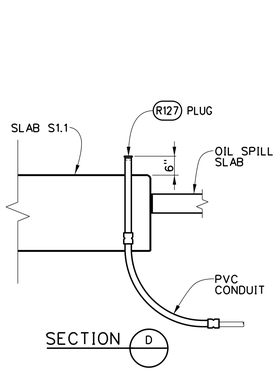
EXPANSION JOINT DETAIL 2

3" = 1'-0"

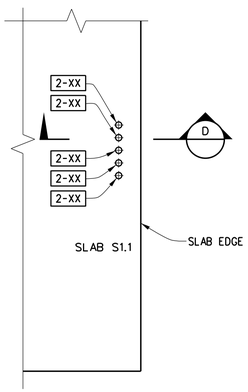


OIL CONTAINMENT SLAB SECTION B

¾" = 1'-0"



SECTION D



PLAN

2-INCH CONDUIT RISERS AT TRANSFORMER SLAB DETAIL 3

NTS

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

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12 0 1 2 3
1/4" = 1'-0" SCALE IN FEET

12 6 0 1 2 3
¾" = 1'-0" SCALE IN FEET

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

REVISIONS

WILLIAM A. BLANCHARD — STATE OF WASHINGTON — 45416 — REGISTERED PROFESSIONAL ENGINEER

2/9/23

SNOHOMISH COUNTY PUD — PUBLIC UTILITY DISTRICT NO 1

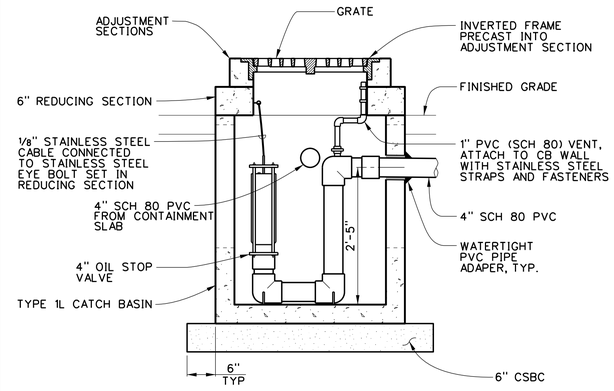
ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION

TRANSFORMER AND OIL CONTAINMENT SLAB DETAILS

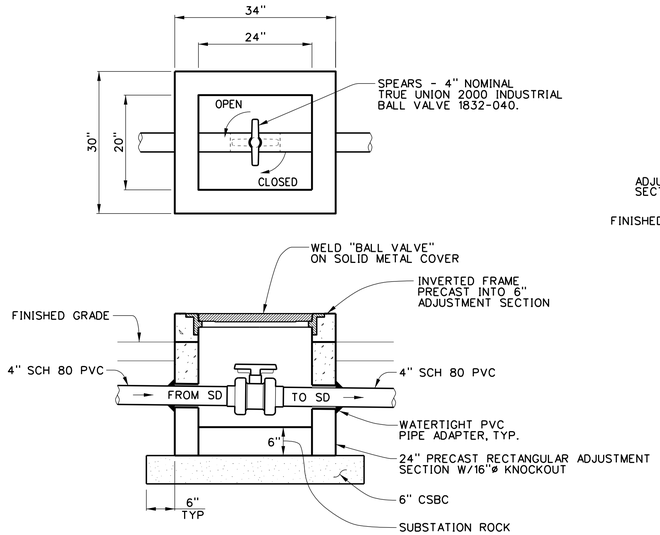
REV	DRAWING
0	S-135-K8B

FILE: W:\SUB\135\WIP-100082332\PERMITS\S-135-K8B.dgn
DATE: 10-Feb-23 10:59



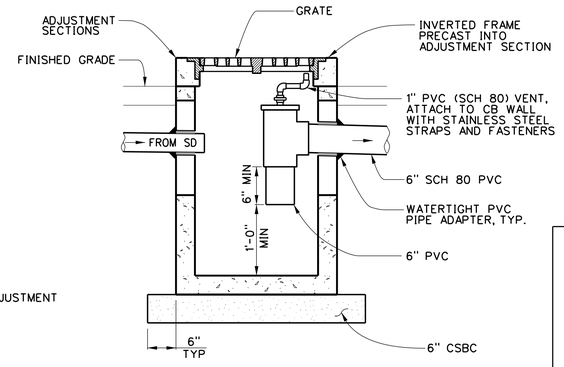
OIL STOP VALVE CATCH BASIN DETAIL 1 / K8

¾" = 1'-0"



BALL VALVE & ENCLOSURE DETAIL 2 / K8

¾" = 1'-0"



OIL TRAP CATCH BASIN DETAIL 3 / K8

¾" = 1'-0"

CITY OF MARYSVILLE

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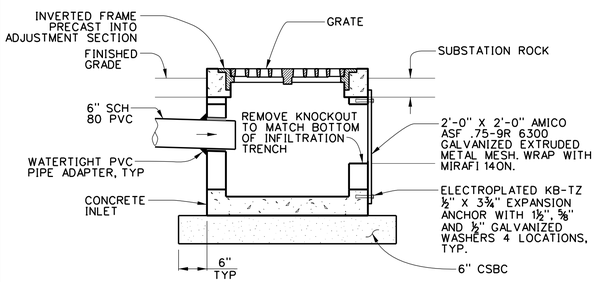
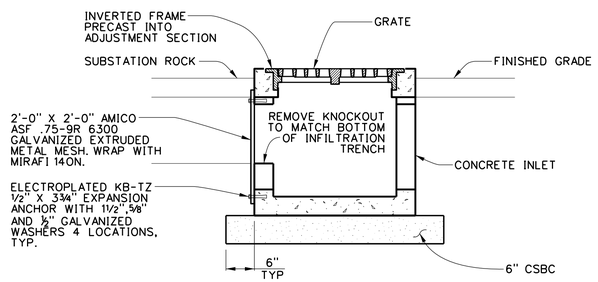


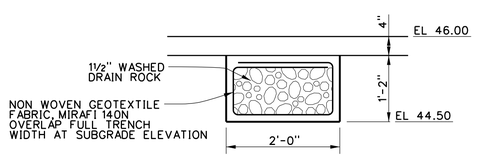
INFILTRATION CB2 DETAIL 4 / K8

¾" = 1'-0"



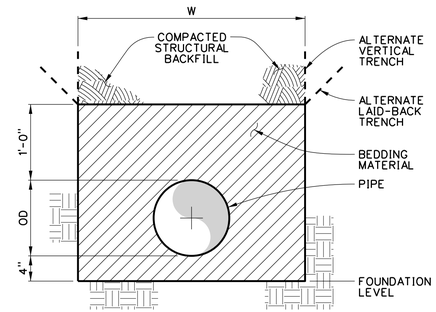
INFILTRATION CB1 DETAIL 5 / K8

¾" = 1'-0"



INFILTRATION TRENCH SECTION A / K8

¾" = 1'-0"



BEDDING NOTES:

1. PROVIDE UNIFORM SUPPORT UNDER BARREL.
2. HAND TAMP UNDER HAUNCHES.
3. COMPACT BEDDING AND BACKFILL MATERIAL TO 95% MAXIMUM DENSITY; EXCEPT BEDDING DIRECTLY OVER THE PIPE, HAND TAMP ONLY.
4. TRENCH WIDTH (W) = PIPE OD PLUS 24".

TYPICAL PIPE BEDDING SECTION B

NTS

12 6 0 1 2 3

¾" = 1'-0" SCALE IN FEET

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
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REVISIONS

WILLIAM A. BLANCHARD — STATE OF WASHINGTON — 45416 — REGISTERED PROFESSIONAL ENGINEER

2/9/23

SNOHOMISH COUNTY PUD — PUBLIC UTILITY DISTRICT NO 1

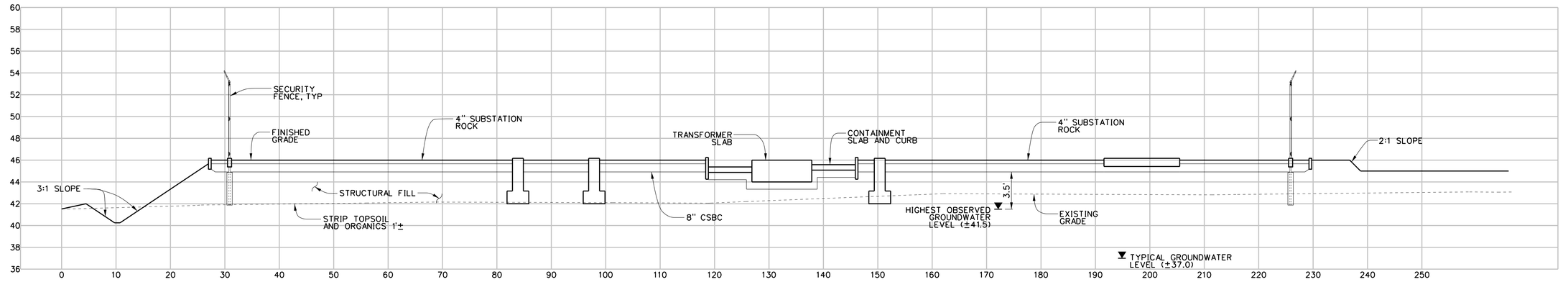
ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION

CONTAINMENT, GRADING AND DRAINAGE DETAILS

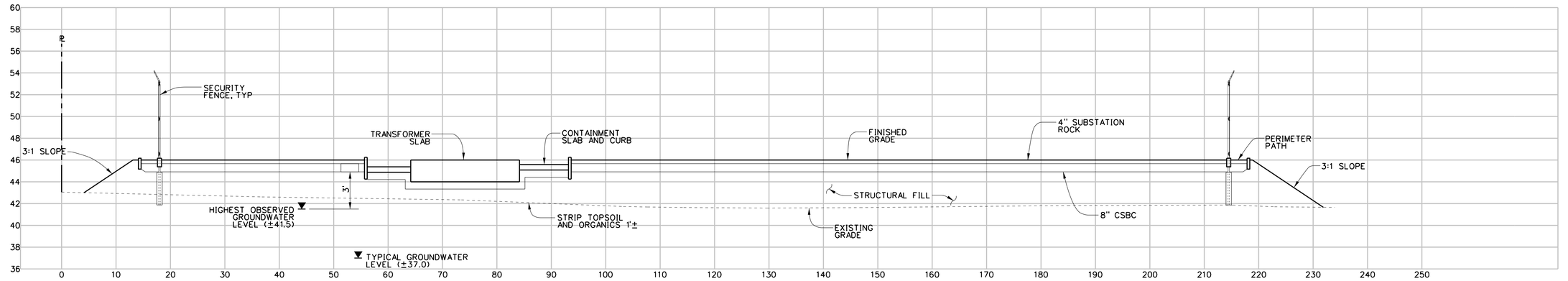
REV	DRAWING
0	S-135-K8C

FILE: W:\SUB\135\WIP-100082332\PERMIT\S-135-K8C.dgn
DATE: 10-Feb-23 10:59



E-W STATION SECTION A / K8

HORIZONTAL 1" = 10'
VERTICAL 1" = 5'



N-S STATION SECTION B / K8

HORIZONTAL 1" = 10'
VERTICAL 1" = 5'

CITY OF MARYSVILLE

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10 5 0 10
1" = 10' SCALE IN FEET

5 2.5 0 5
1" = 5' SCALE IN FEET

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

No.	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
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REVISIONS

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED PROFESSIONAL ENGINEER
2/9/23

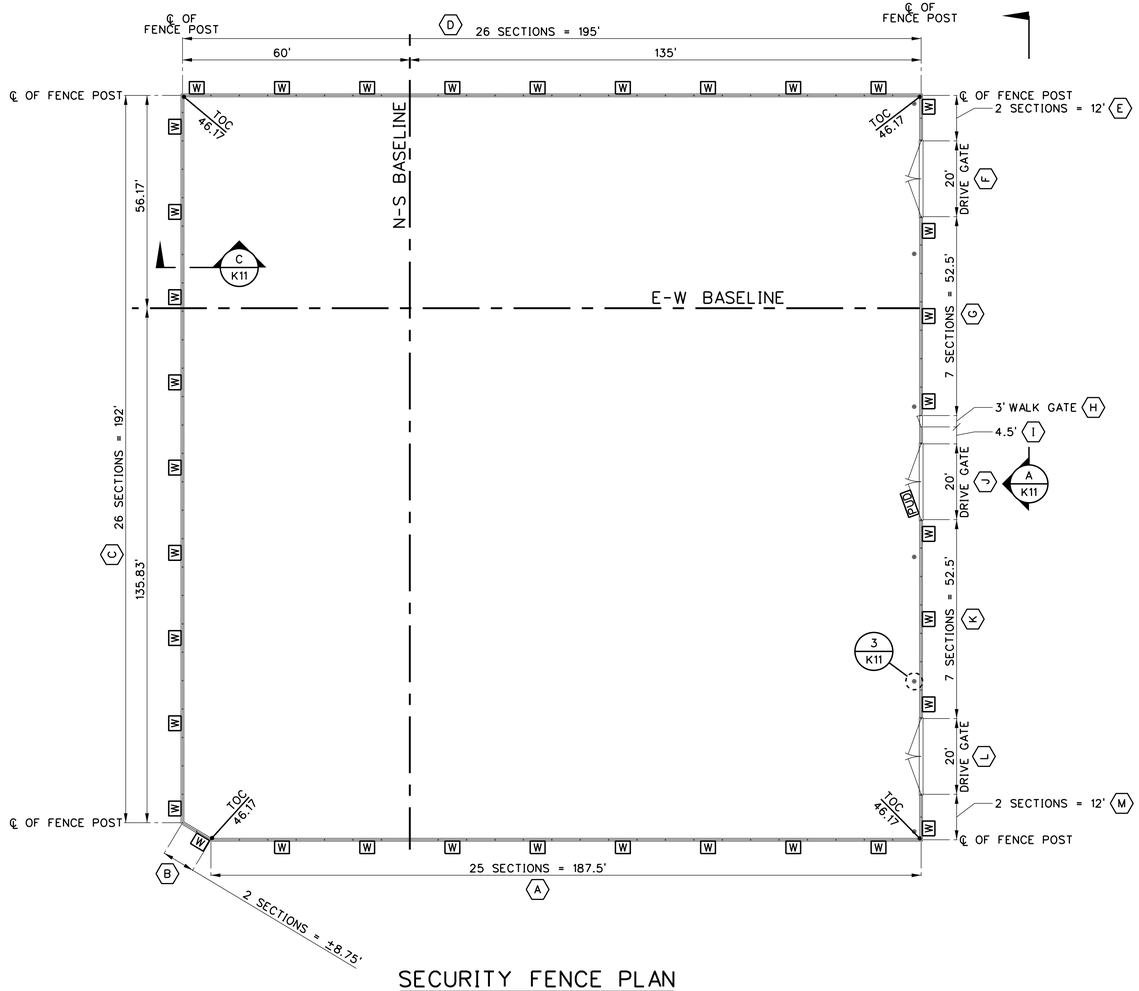
SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
SITE GRADING SECTIONS

REV	DRAWING
0	S-135-K9

FILE: W:\S-135\WIP-100082332-PERMITS-135-K9.dgn
DATE: 10-Feb-23 10:59



SECURITY FENCE PLAN

1" = 20'

N

NORTH

GENERAL NOTES:

1. SUBSTATION IDENTIFICATION, ADDRESS, OWNER NAME, AND WARNING SIGNS WILL BE FURNISHED BY THE DISTRICT, AND SHALL BE INSTALLED BY THE CONTRACTOR.
2. BOLT SUBSTATION IDENTIFICATION SIGNS TO THE DRIVE GATE AT THE LOCATION SHOWN. REFER TO DRAWING S-135-K13.
3. INSTALL "HAZARDOUS VOLTAGE" "KEEP OUT" WARNING SIGNS ON THE OUTSIDE OF THE SUBSTATION SECURITY FENCE. INSTALL BOTTOM OF SIGNS AT 4'-6" ABOVE THE BOTTOM OF THE FENCE, AT THE MIDDLE OF INDIVIDUAL FENCE SECTIONS, AT THE LOCATIONS SHOWN.

   FASTEN TO MESH WITH TWO 1/4-INCH DIAMETER STAINLESS STEEL BOLTS INCLUDING TWO 1/4-INCH x 1-INCH FENDER WASHERS AND ONE NUT WITH EACH BOLT.

   BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT EACH AND EVERY BOLT DOES NOT PROJECT LESS THAN THREE FULL THREADS AND NO MORE THAN 3/4-INCH BEYOND THE NUT WHEN ASSEMBLED.
4. INSTALL GATE STOPS TO PREVENT GATES FROM OPENING OUTWARD.
5. WHERE GATE LATCHES, HINGES AND DROP BARS ARE BOLTED TO A GATE FRAME OR POST, TACK WELD THE NUT TO THE MOUNTING BOLT.
6. FIELD LOCATE GATE KEEPERS PER DISTRICT DIRECTION.

FENCE NOTES:

- (A) 2 PANELS 4'W x 7'H EA SECTION
- (B) 2 PANELS 3'W x 7'H EA SECTION
- (C) 2 PANELS 4'W x 7'H EA SECTION
- (D) 2 PANELS 4'W x 7'H EA SECTION
- (E) 2 PANELS 4'W x 7'H EA SECTION
- (F) 2 PANELS 5'W x 7'H EA GATE LEAF
- (G) 2 PANELS 4'W x 7'H EA SECTION
- (H) 1 PANEL 3'W x 7'H
- (I) 1 PANEL 4.5'W x 7'H
- (J) 2 PANELS 5'W x 7'H EA GATE LEAF
- (K) 2 PANELS 4'W x 7'H EA SECTION
- (L) 2 PANELS 5'W x 7'H EA GATE LEAF
- (M) 2 PANELS 4'W x 7'H EA SECTION

LEGEND:

- SUBSTATION SECURITY FENCE AND CURB
- GATE KEEPER
- PUD DISTRICT IDENTIFICATION SIGNS

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MARYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPLIANCE OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS FILL PERMITS AND REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

THIS_____DAY OF _____, 2023.

BY: _____
KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

20 10 0 20
1" = 20' SCALE IN FEET

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

REVISIONS

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED PROFESSIONAL ENGINEER
2/9/23

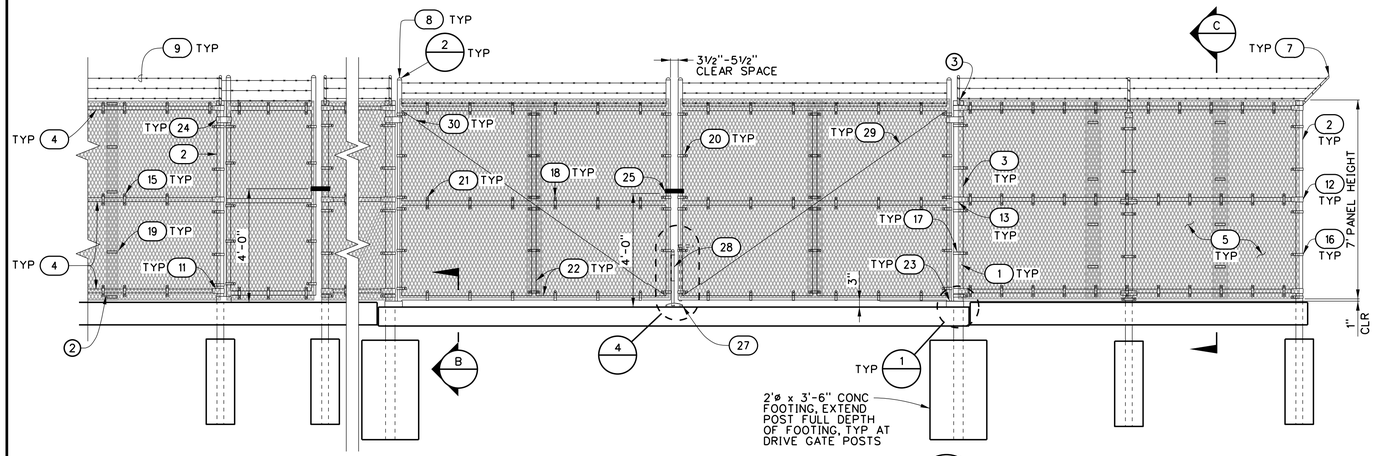
SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
FENCE PLAN

REV	DRAWING
0	S-135-K10

FILE: W:\SUBS\135\WIP\100082332\PERMIT\S-135-K10.dgn
DATE: 10-Feb-23 11:00

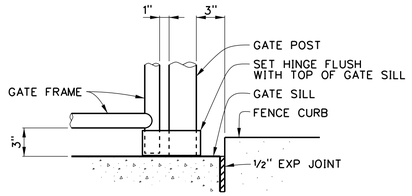


TYPICAL FENCE AND GATE ELEVATION (A / K10)

3/8" = 1'-0"

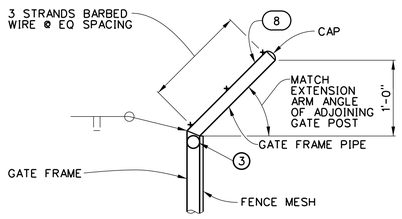
KEY NOTES:

1. LAP PANELS ONE DIAMOND (APPROX 1") AT EACH LINE POST.
2. MIDSPAN PANEL LAP VARIES. LAP SUCH THAT THE SECURA BACKSTRAP BOLTS PASS THROUGH BOTH PANELS. TYPICAL, ALL FENCE SECTIONS.
3. NOTCH PANELS TO CLEAR THE BARB ARM. THE NOTCH SHALL CLEAR THE BARB ARM BY NO MORE THAN ½" ON ALL SIDES. TYPICAL AT ALL POSTS.



DRIVE GATE BOTTOM HINGE DETAIL (1)

1½" = 1'-0"



GATE BARBED WIRE EXTENSION ARM DETAIL (2)

1" = 1'-0"

SECURITY FENCE MATERIAL SCHEDULE

LINE	DESCRIPTION	SIZE	MATERIAL	ASTM MATERIAL SPEC	SUPPLIER CATALOG NO
1	LINE POSTS	2⅞ INCH OD	STEEL PIPE, SCH 40	F1043 GROUP IA	MASTER HALCO 0346XX
2	END, CORNER AND GATE POSTS FOR GATES UNDER 4 FEET WIDTH	2⅞ INCH OD	STEEL PIPE, SCH 40	F1043 GROUP IA	HEARNE STEEL CO. #013825
3	GATE POSTS FOR GATES OVER 4 FEET WIDTH	4 INCH OD	STEEL PIPE, SCH 40	F1043 GROUP IA	MASTER HALCO 0346XX
4	TOP, MIDDLE & BOTTOM RAILS	1⅝ INCH OD	STEEL PIPE, SCH 40	F1043 GROUP IA	MASTER HALCO 0346XX
5	EXPANDED METAL MESH	SEE PLAN		ASF .75-9R	F1267 TYPE 1, CLASS 2	AMICO SECURA
6	BARBED WIRE EXTENSION ARMS ON LINE POSTS	2⅞ INCH x 1⅝ INCH	PRESSED STEEL	F626	HEARNE STEEL CO. #013825
7	BARBED WIRE EXTENSION ARMS ON END AND CORNER POSTS	2⅞ INCH	PRESSED STEEL	F626	MASTER HALCO 013381
8	BARBED WIRE EXTENSION ARMS ON DRIVE GATE	4 INCH	PRESSED STEEL	F626	MASTER HALCO 013383
9	BARBED WIRE, TWO STRAND TWISTED, 12-1/2 GAGE, 4 PT, 5" BARB SPACING		ALUMINIZED WIRE AND BARBS	A121 TYPE A	MASTER HALCO 013522
10	LINE RAIL CLAMP	2⅞ INCH x 1⅝ INCH	PRESSED STEEL	F626	MASTER HALCO 015538
11	END RAIL CLAMP	2⅞ INCH x 1⅝ INCH	PRESSED STEEL	F626	MASTER HALCO 015508
12	CORNER POST RAIL CLAMP	2⅞ INCH x 1⅝ INCH	PRESSED STEEL	F626	MASTER HALCO 015556
13	DRIVE GATE POST RAIL CLAMP	4 INCH x 1⅝ INCH	PRESSED STEEL	F626	MASTER HALCO 015509
14	SLEEVE, RAIL	1⅝ INCH	STEEL	F626	MASTER HALCO 012603
15	LINE POST SECURA CLAMP	2⅞ INCH	11 GA		AMICO SECURA
16	END POST SECURA BAND	2⅞ INCH	11 GA		AMICO SECURA
17	DRIVE GATE POST SECURA BAND	4 INCH	11 GA		AMICO SECURA
18	MESH TO RAIL SECURA CLAMP	1⅝ INCH	11 GA		AMICO SECURA
19	MIDSPAN MESH TO MESH BACKSTRAP	1 INCH	11 GA		AMICO SECURA
20	DRIVE AND WALK GATE FRAME SECURA BAND	1⅞ INCH	11 GA		AMICO SECURA
21	DRIVE AND WALK GATE FRAME BRACE CLAMP	1⅞ INCH	11 GA		AMICO SECURA
22	FRAME, DRIVE AND WALK GATE	1⅞ INCH OD	STEEL PIPE, SCH 40	F1043 GROUP IA	FABRICATE
23	GATE HINGES, DRIVE GATE	4 INCH x 1⅞ INCH	MALLEABLE IRON		MASTER HALCO 015754
24	GATE HINGES, WALK GATE	2⅞ INCH x 1⅞ INCH	MALLEABLE IRON		MASTER HALCO 015752
25	LATCH, DRIVE GATE		STEEL, GALV		INTERNATIONAL SECURITY PRODUCT PL152
26	LATCH, WALK-IN GATE		STEEL, GALV		MASTER HALCO 017226
27	GATE CENTER STOP AND GATE KEEPERS		MALLEABLE IRON		MASTER HALCO 015911
28	DROP BAR, DRIVE GATE		STEEL, GALV		NATIONWIDE INDUSTRIES NW6270-24HDG
29	TRUSS ROD	⅜ INCH DIA	STEEL	F626	MASTER HALCO 179XX
30	TRUSS TIGHTENER		PRESSED STEEL	F626	MASTER HALCO 018101
31	ATTACHMENT FITTINGS AND MISC HARDWARE	VARIOUS	STEEL, GALV		

GENERAL NOTE:

1. MATERIALS SHALL BE IN ACCORDANCE WITH THE FENCING MATERIAL SCHEDULE AND SPECIFICATION SECTION 02825.

CITY OF MARYSVILLE

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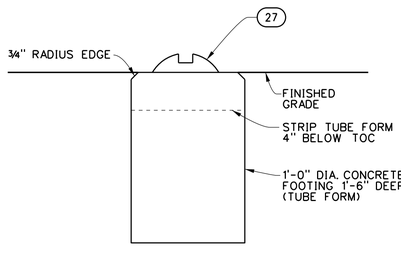
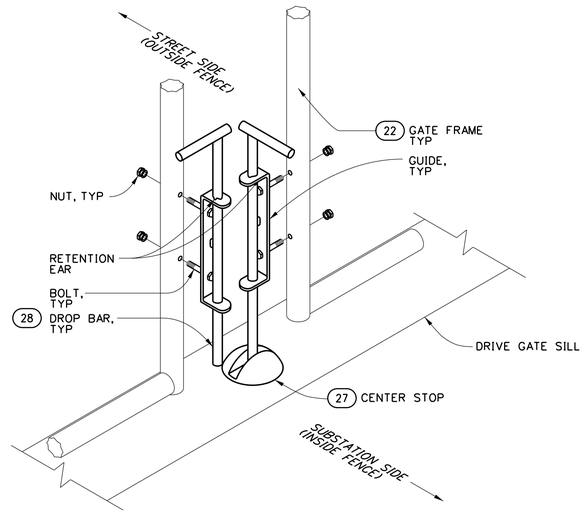


GATE KEEPER DETAIL (3 / K10)

1½" = 1'=0"

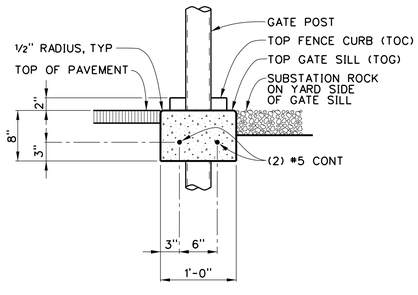


DRIVE GATE DROP BAR (ISOMETRIC) DETAIL (4)

NTS

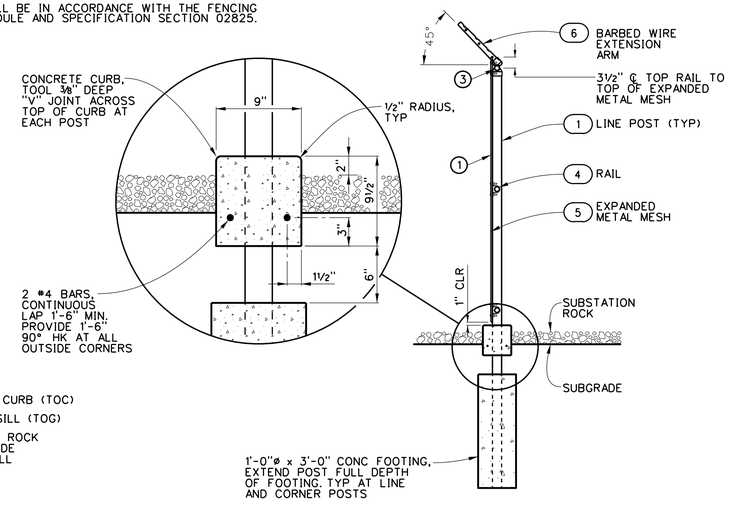
NOTE:

1. EXPANDED METAL MESH NOT SHOWN FOR CLARITY.



DRIVE GATE SILL SECTION (B)

1" = 1'-0"



TYPICAL FENCE SECTION (C / K10)

½" = 1'-0"

3/8" = 1'-0" SCALE IN FEET

1" = 1'-0" SCALE IN FEET

½" = 1'-0" SCALE IN FEET

1 ½" = 1'-0" SCALE IN FEET

No	DATE	BY	DESCRIPTION
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332

ENGR: WAB/ZTW CHKR: DMH APVD: WAB

REVISIONS

WILLIAM A. BLANCHARD — STATE OF WASHINGTON — 21645416 — REGISTERED PROFESSIONAL ENGINEER — 2/9/23

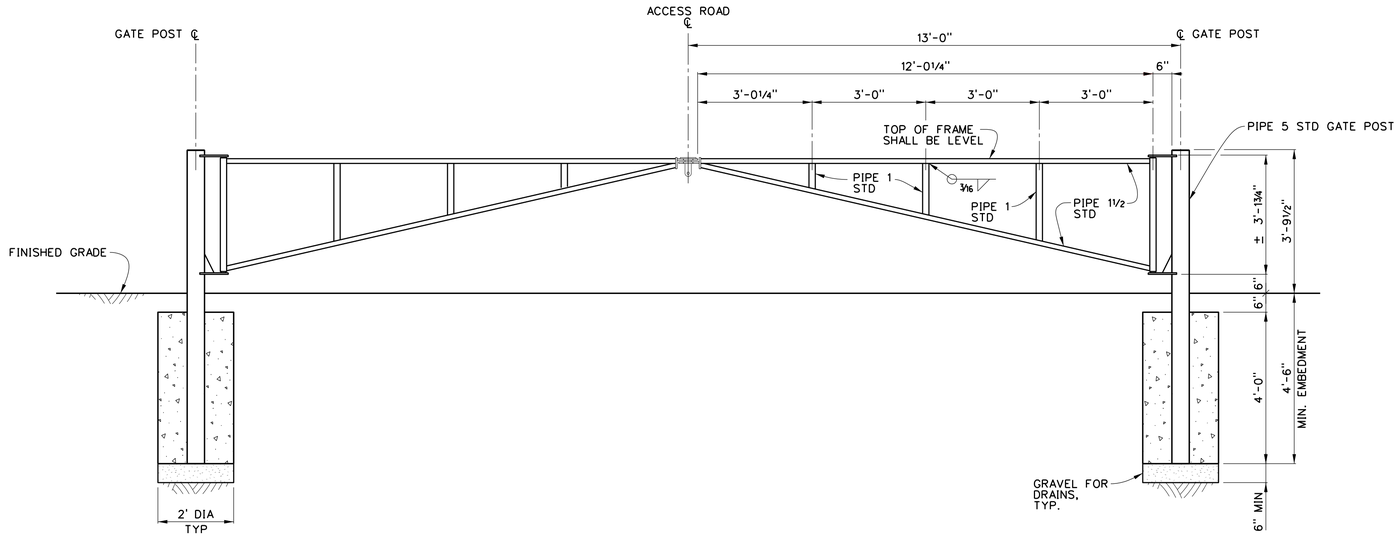
SNOHOMISH COUNTY PUD — PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
SECURITY FENCE DETAILS

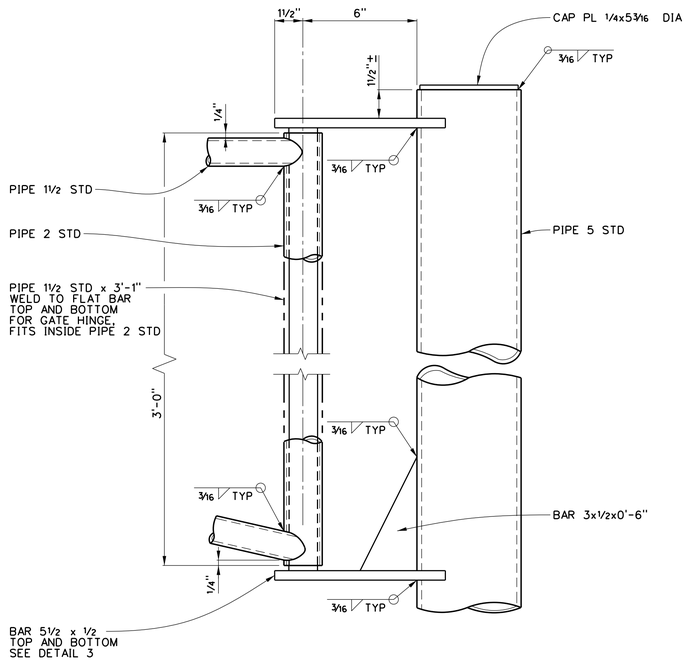
REV	DRAWING
0	S-135-K11

FILE: I:\SUB\135\WIP-100082332\PERMIT\S-135-K11.dgn
DATE: 10-Feb-23 11:00



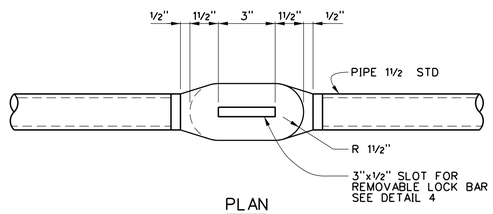
ACCESS CONTROL GATE ELEVATION (A / K8)

½" = 1'-0"

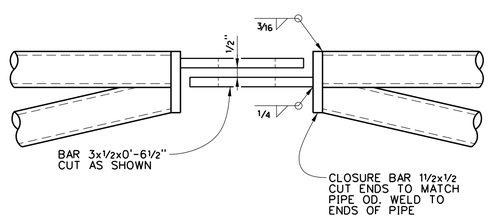


GATE HINGE ATTACHMENT DETAIL (1)

3" = 1'-0"



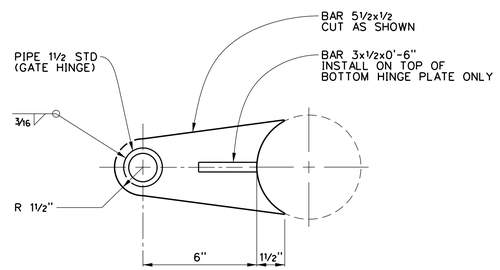
PLAN



ELEVATION

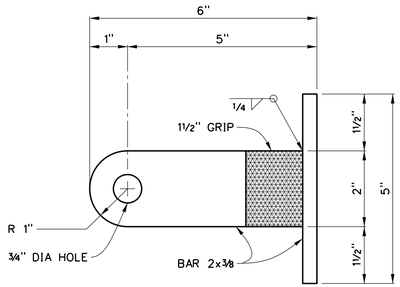
ACCESS GATE LATCH DETAIL (2)

3" = 1'-0"



GATE HINGE PLATE DETAIL (3)

3" = 1'-0"



REMOVABLE LOCK BAR DETAIL (4)

6" = 1'-0"

12 6 0 1 2 3
½" = 1'-0" SCALE IN FEET

12 9 6 3 0
3" = 1'-0" SCALE IN FEET

GENERAL NOTES:

1. PROVIDE GATES, POSTS, CONCRETE FOOTINGS AND ALL APPURTENANCES INCLUDING PAINTING FOR A COMPLETE ACCESS CONTROL GATE AS SHOWN ON THE DRAWINGS.
2. STRUCTURAL STEEL FOR STEEL SHAPES, PLATES AND BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-36, Fy = 36,000 PSI. STEEL PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-53 TYPE E OR S, GRADE B.
3. WELDING ELECTRODES SHALL BE E-70XX OR EQUIVALENT WIRE IF SEMI-AUTOMATIC OR AUTOMATIC WELDING IS USED. WELDING SHALL CONFORM TO AWS D1.1, LATEST EDITION.
4. PAINTING: PREPARE SURFACES TO BE PAINTED BY REMOVING ALL WELD SLAG, FOLLOWED BY WIRE BRUSHING OR SCRAPING ALL LOOSE RUST, OLD PAINT AND OTHER FOREIGN MATTER WHICH IS NOT TIGHTLY BOUND. HAND SAND WITH MEDIUM GRIT OXIDE SANDPAPER OVER ALL PITTED AND RUSTY AREAS. WIPE ALL SURFACES TO BE PAINTED WITH RAGS WET WITH THINNER OR XYLOL. PRIME ALL SURFACES WITH A FULL COAT OF METAL PRIMER.
5. PAINT COMPLETED GATE AFTER INSTALLATION, INCLUDING POSTS & FITTINGS WITH ONE COAT OF STYRENE ACRYLIC EXTERIOR MULTI-SURFACE PRIMER AND SEALER PRIMER AND TWO COATS OF ALKYD ALUMINUM EXTERIOR SEMI-GLOSS ENAMEL PAINT (PARKER PAINT SPEC NO. 4250, COLOR SAFETY YELLOW. APPLY COATINGS AT TEMPERATURES ABOVE 50°. APPLY IN ACCORDANCE WITH THE PAINT MANUFACTURER'S SPECIFICATIONS. DO NOT PAINT WET OR DAMP METAL.
6. THE DISTRICT WILL ISSUE LOCKS AND HORSESHOES FOR DOUBLE LOCKING INSTALLATION ON GATE LATCH.

CITY OF MARYSVILLE

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REVISIONS

WILLIAM A. BLANCHARD — STATE OF WASHINGTON — 45416 — REGISTERED PROFESSIONAL ENGINEER

2/9/23

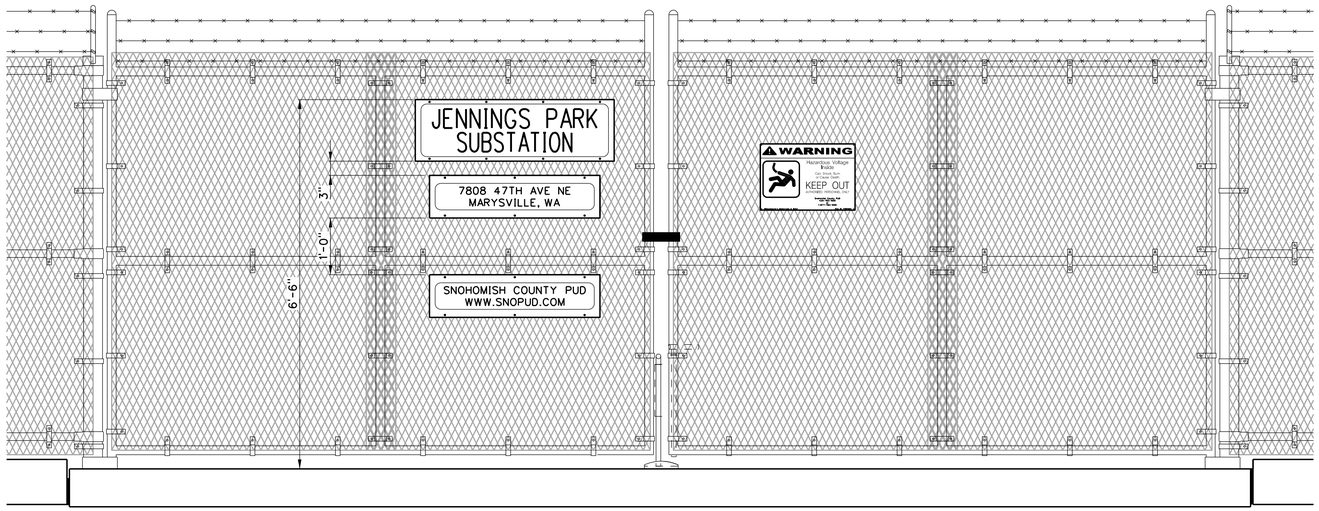
SNOHOMISH COUNTY PUD — PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
ACCESS CONTROL GATE

REV	DRAWING
0	S-135-K12

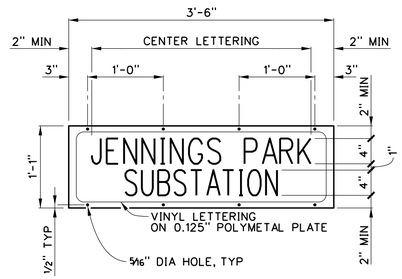
FILE: P:\SUB\135\WIP-100082332\HERMIT\S-135-K12.dgn
DATE: 10-Feb-23 11:00



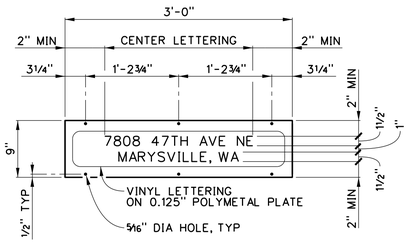
SECURITY FENCE SIGN ELEVATION (A)
3/4" = 1'-0"

GENERAL NOTES:

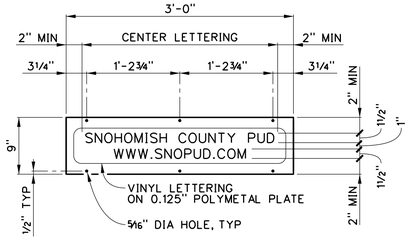
1. CENTER SIGNS HORIZONTALLY ON DRIVE GATE THAT IS VISIBLE FROM FRONT OF SUBSTATION.
2. LETTER STYLE:
   A. IDENTIFICATION SIGN: HELVETICA NARROW BOLD. ADJUST LETTER STYLE TO FIT SIGN LENGTH IF THE SPECIFIED STYLE WILL NOT FIT WITHIN THE SPECIFIED LENGTH.
   B. ADDRESS SIGN: HELVETICA MEDIUM
   C. OWNER NAME SIGN: HELVETICA MEDIUM
3. COLOR: LETTER: BLACK
   BACKGROUND: WHITE



SUBSTATION IDENTIFICATION SIGN DETAIL (1)
1" = 1'-0"



ADDRESS SIGN DETAIL (2)
1" = 1'-0"



OWNER NAME SIGN DETAIL (3)
1" = 1'-0"

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12 6 0 1
1" = 1'-0" SCALE IN FEET

12 6 0 1 2 3
3/4" = 1'-0" SCALE IN FEET

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REVISIONS

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED
PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
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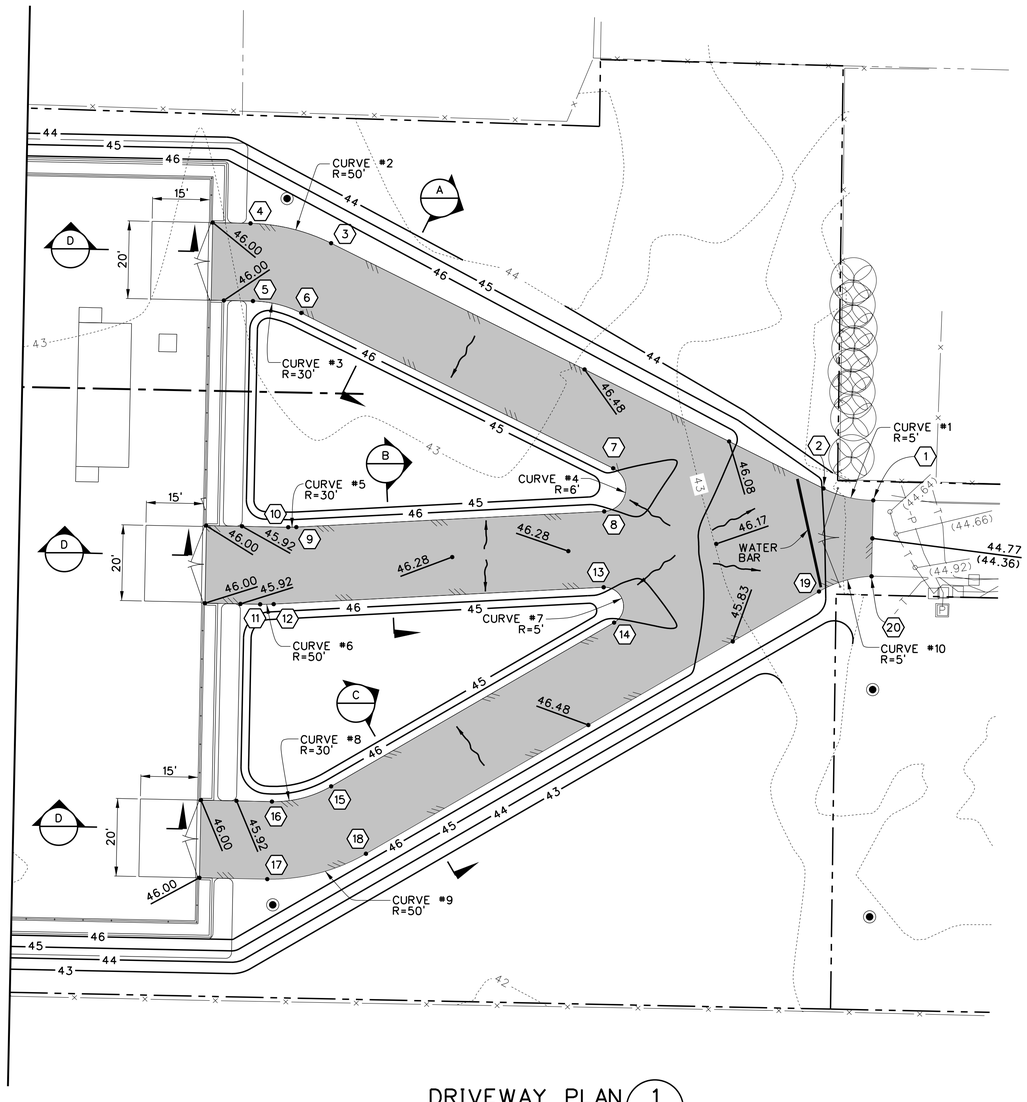
DATE	2/9/23

JENNINGS PARK SUBSTATION
INDENTIFICATION SIGN DETAILS AND ELEVATION

REV	DRAWING
0	S-135-K13

FILE: P:\SUB\135\WIP-100082332\PERMIT\S-135-K13.dgn
DATE: 10-Feb-23 11:00



DRIVEWAY PLAN 1
1"-20'
C8

N
NORTH

EDGE OF PAVEMENT DATA

POINT	COORDINATES	REMARKS	EDGE OF PAVEMENT ELEVATION
1	E 1313787.17 N 391990.68	START OF CURVE #1	44.75
2	E 1313774.03 N 391993.83	END OF CURVE #1	44.99
3	E 1313644.03 N 392058.58	START OF CURVE #2	46.28
4	E 1313622.75 N 392063.81	END OF CURVE #2	46.08
5	E 1313623.39 N 392043.29	START OF CURVE #3	45.92
6	E 1313636.16 N 392040.15	END OF CURVE #3	46.08
7	E 1313718.51 N 391999.14	START OF CURVE #4	46.00
8	E 1313716.14 N 391987.77	END OF CURVE #4	46.08
9	E 1313634.85 N 391983.63	START OF CURVE #5	46.08
10	E 1313632.72 N 391983.59	END OF CURVE #5	46.08
11	E 1313625.30 N 391963.24	START OF CURVE #6	46.00
12	E 1313628.86 N 391963.29	END OF CURVE #6	46.08
13	E 1313715.99 N 391967.74	START OF CURVE #7	46.08
14	E 1313718.75 N 391958.42	END OF CURVE #7	46.00
15	E 1313644.04 N 391915.19	START OF CURVE #8	46.08
16	E 1313628.41 N 391911.16	END OF CURVE #8	46.00
17	E 1313627.17 N 391890.69	START OF CURVE #9	46.28
18	E 1313653.23 N 391897.40	END OF CURVE #9	46.48
19	E 1313772.84 N 391966.61	START OF CURVE #10	46.08
20	E 1313786.71 N 391970.63	END OF CURVE #10	44.83

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

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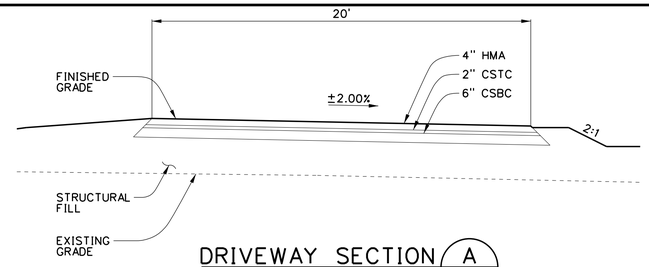
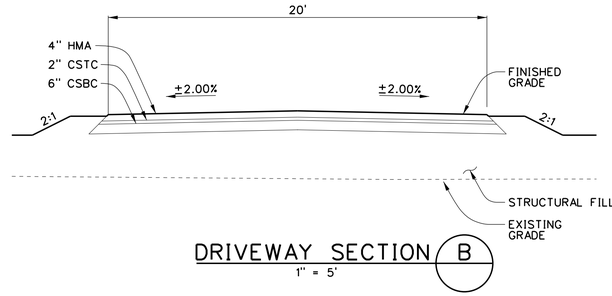
THIS_____DAY OF _____, 2023.

BY: _____
KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

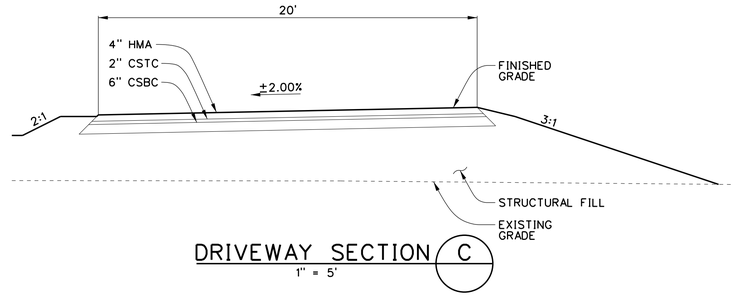
THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.



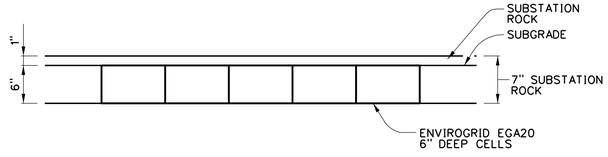
DRIVEWAY SECTION A
1" = 5'



DRIVEWAY SECTION B
1" = 5'



DRIVEWAY SECTION C
1" = 5'



DEFINED DRIVE PATH SECTION D
1" = 1'-0"

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

12 6 0 1
1" = 1'-0" SCALE IN FEET

5 2.5 0 5
1" = 5' SCALE IN FEET

20 10 0 20
1" = 20' SCALE IN FEET

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

REVISIONS

WILLIAM A. BLANCHARD
STATE OF WASHINGTON
45416
REGISTERED PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

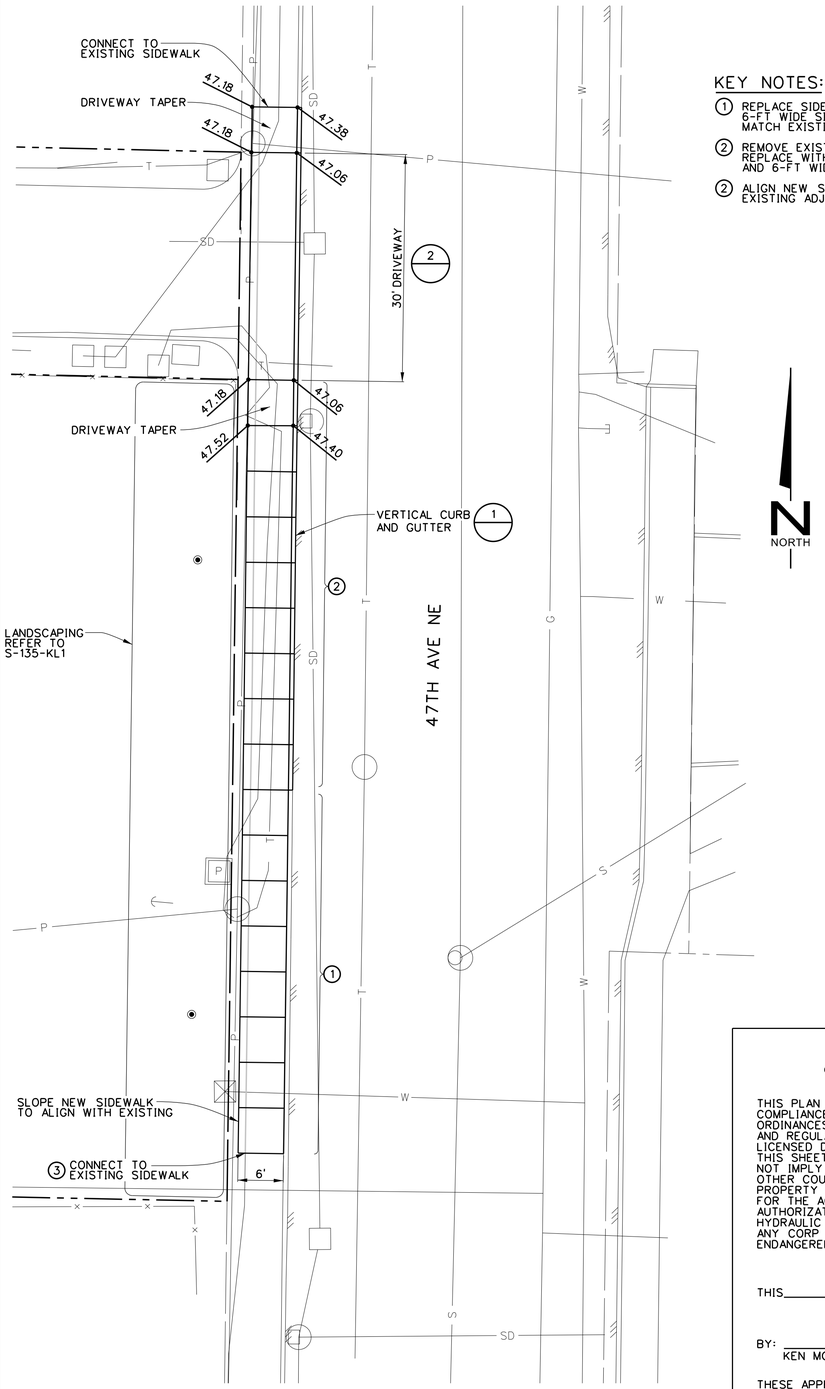
ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
DEIVEWAY PLAN AND SECTIONS

REV	DRAWING
0	S-135-K14

FILE: W:\SUB\135\WIP\100082332\PERMITS\S-135-K14.dgn
DATE: 10-Feb-23 11:00

SW 1/4, SE 1/4, SEC 21, TWP 30N, R5E, W.M.



FRONTAGE IMPROVEMENTS PLAN
1" = 10'

KEY NOTES:

1. REPLACE SIDEWALK PANELS WITH NEW 6-FT WIDE SIDEWALK PANELS. SLOPE TO MATCH EXISTING CURB.
2. REMOVE EXISTING DRIVEWAY CUT AND REPLACE WITH NEW VERTICAL CURB AND 6-FT WIDE SIDEWALK.
2. ALIGN NEW SIDEWALK WITH EDGE OF EXISTING ADJACENT TAPERED SIDEWALK PANEL.

CITY OF MARYSVILLE

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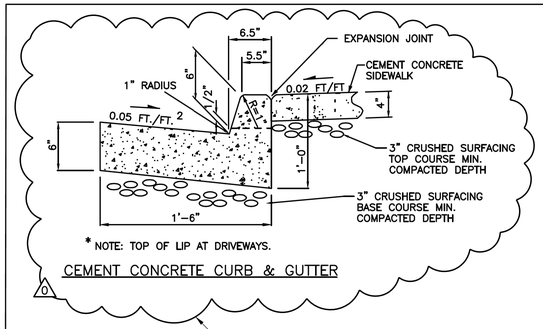
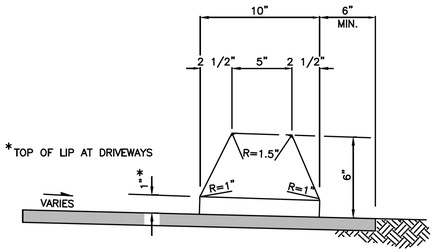


CEMENT CONCRETE CURB & GUTTER

0

2023 CONSTRUCTION



EXTRUDED ASPHALT OR CEMENT CONCRETE CURB 3

NOTES:

1. SEE SEC. 3-515 FOR JOINT REQUIREMENTS.
2. ROLL GUTTER TO MATCH POSITIVE SUPERELEVATION.
3. SEE SEC. 3-514 FOR EXTRUDED CURB ANCHORAGE.
4. VERTICAL CURB WILL BE REQUIRED EXCEPT AS NOTED IN SECTION 3-514

APPROVED BY _____ 12/28/16
MARYSVILLE CITY ENGINEER DATE

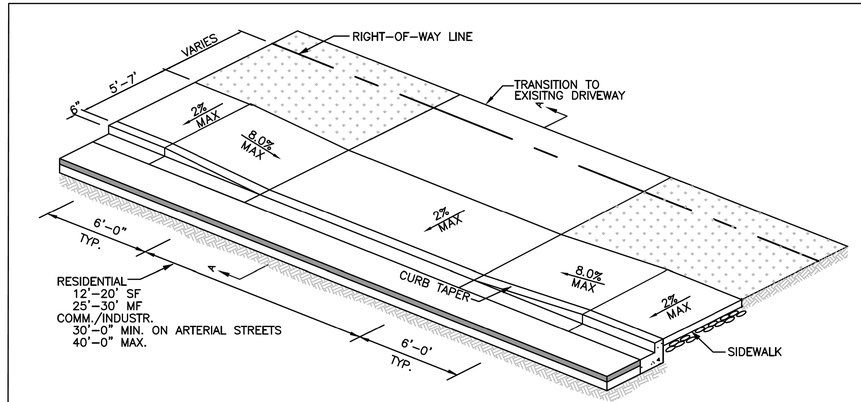
CURB DETAILS

CITY OF Marysville WASHINGTON

STANDARD PLAN 3-514-001

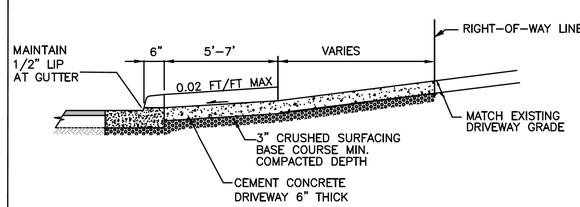
LAST REVISED 12/28/16

CURB DETAIL 1
NTS



NOTES:

1. COMMERCIAL/INDUSTRIAL DRIVEWAYS WIDER THAN 40' MAY BE APPROVED BY THE ENGINEER CONSIDERING TRAFFIC SAFETY AND NEEDS OF THE ACTIVITY SERVED. ALL COMMERCIAL/INDUSTRIAL DRIVEWAYS SHALL HAVE AN EXPANSION JOINT LOCATED EVERY 15 LINEAL FEET.
2. DRIVEWAYS LIMITED TO 30% OF FRONTAGE



SECTION A-A
NTS

APPROVED BY _____ 12/28/16
MARYSVILLE CITY ENGINEER DATE

CURB & GUTTER SECTION DRIVEWAY TYPE 2

CITY OF Marysville WASHINGTON

STANDARD PLAN 3-303-001B

LAST REVISED 12/28/16

DRIVEWAY DETAIL 2
NTS

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

10 5 0 10
1" = 10' SCALE IN FEET

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS WO 100082332	WAB/ ZTW	DMH	WAB

REVISIONS

WILLIAM A. BLANCHARD STATE OF WASHINGTON 45416 REGISTERED PROFESSIONAL ENGINEER
2/9/23

SNOHOMISH COUNTY PUD PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	CMC
CHKR	DMH
ENGR	WAB/ ZTW
APVD	WAB
DATE	2/9/23

JENNINGS PARK SUBSTATION
FRONTAGE IMPROVEMENTS PLAN AND DETAILS

REV	DRAWING
0	S-135-K15

FILE: P:\SUB\135\WIP-100082332\HSKMU\S-135-K15.dgn
DATE: 10-Feb-23 11:01

DEVELOPMENT DATA:

TAX ACCOUNT No.	30052100412500 30052100414500
EXISTING ZONING	GENERAL COMMERCIAL
SITE AREA	APPROXIMATELY 3.36 ACRES
STREET ADDRESS	7808 47TH AVE NE MARYSVILLE, WA 98270

APPLICANT

PUD NO. 1 OF SNOHOMISH COUNTY
PO BOX 1107
EVERETT, WA 98206
CONTACT: WILL BLANCHARD P.E.
PH: 425-783-4303

LANDSCAPE ARCHITECT

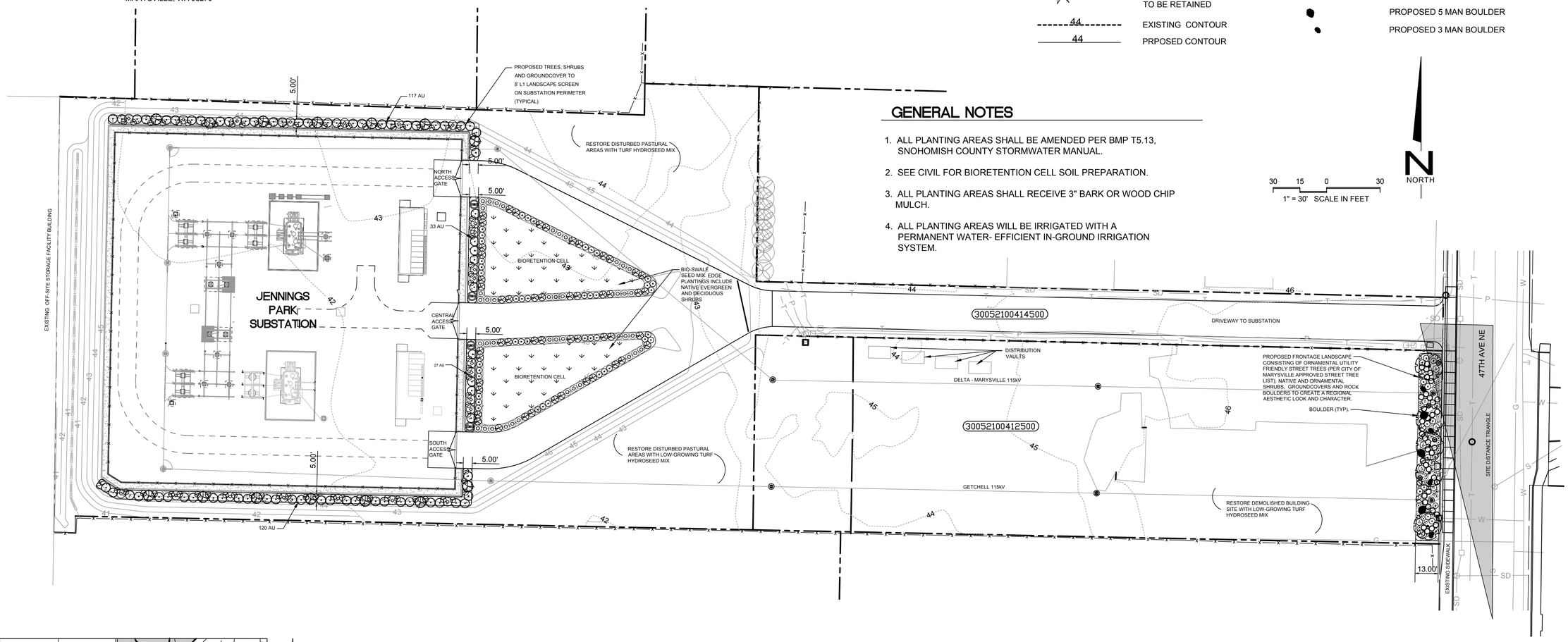
DAVID EVANS & ASSOCIATES, INC
14432 SE EASTGATE WAY, SUITE 400
BELLEVUE, WA 98007
CONTACT: JON C. GAGE, PLA
PH: 425-519-6500
E-MAIL: jcga@deainc.com

SW ¼, SE ¼ OF SEC 21, TWP 30N, R5E, W.M.

KNOW WHAT'S BELOW
CALL BEFORE YOU DIG
811
callbeforeyoudig.org

LEGEND:

- EXISTING EVERGREEN TREE TO BE RETAINED
- EXISTING CONTOUR
- PRPOSED CONTOUR
- CHAINLINK FENCE
- PROPOSED 5 MAN BOULDER
- PROPOSED 3 MAN BOULDER



GENERAL NOTES

1. ALL PLANTING AREAS SHALL BE AMENDED PER BMP T5.13, SNOHOMISH COUNTY STORMWATER MANUAL.
2. SEE CIVIL FOR BIORETENTION CELL SOIL PREPARATION.
3. ALL PLANTING AREAS SHALL RECEIVE 3" BARK OR WOOD CHIP MULCH.
4. ALL PLANTING AREAS WILL BE IRRIGATED WITH A PERMANENT WATER- EFFICIENT IN-GROUND IRRIGATION SYSTEM.

30 15 0 30
1" = 30' SCALE IN FEET

N
NORTH

VICINITY MAP

SW ¼, SE ¼ OF SEC 21, TWP 30N, R5E, WM

PLANT SCHEDULE

BOTANICAL NAME	COMMON NAME	SIZE	COND.	SPACING	QTY.
TREES					
PARROTIA PERSICA	PERSIAN IRONWOOD	1.5" CAL. MIN.	B&B	AS SHOWN	5
JUNIPEROUS CHININSES 'SPARTAN'	SPARTAN JUNIPER	6' HT. MIN.	B&B	AS SHOWN	69
SHRUBS					
AMELANCHIER ALNIFOLIA	SERVICEBERRY	48" HT. MIN.	5 GAL.	AS SHOWN	14
PRUNUS LAUROCERASUS 'GREENFINITY'	'GREENFINITY' CHERRY LAUREL	48" HT. MIN.	5 GAL.	AS SHOWN	22
MAHONIA AQUIFOLIUM	TALL OREGON GRAPE	36" HT. MIN.	5 GAL.	4'-5' O.C.	4
MAHONIA AQUIFOLIUM 'COMPACTA'	COMPACT OREGON GRAPE	18" HT. MIN.	2 GAL.	4'-5' O.C.	55
CORNUS SERICEA 'KELSEYII'	KELSEY DWARF DOGWOOD	18" HT. MIN.	2 GAL.	AS SHOWN	57
RUBUS PARVIFLORUS	THIMBLEBERRY	18" HT. MIN.	2 GAL.	AS SHOWN	43
RHODODENRON 'SEAVIEW SUNSET'	'SEAVIEW SUNSET' RHODODENDRON	18" HT. MIN.	2 GAL.	AS SHOWN	7
PINUS MUGO 'CARSTEN'S WINTERGOLD'	CARSTEN'S WINTERGOLD MUGO PINE	18" HT. MIN.	2 GAL.	AS SHOWN	4
HERBACEOUS					
POLYSTICHUM MUNITUM	SWORD FERN	18" HT. MIN.	2 GAL.	AS SHOWN	72
HEMEROCALLIS FULVA	TAWNY DAYLILY	18" HT. MIN.	2 GAL.	AS SHOWN	7
GROUNDCOVER					
PRUNUS LAUROCERASUS 'MOUNT VERNON'	MOUNT VERNON LAUREL	18" HT. MIN.	2 GAL.	AS SHOWN	38
CULLUNA VULGARIS 'FIREFLY'	FIRE FLY SCOTCH HEATHER	18" HT. MIN.	2 GAL.	AS SHOWN	62
ARCTOSTAPHYLOS UVA-URSI	KINNIKINNICK	10" MIN. SPREAD	I GAL.	24" O.C.	297
BARK OR WOOD CHIP MULCH					
BIOSWALE SEED MIX					

SEED MIXES

Common Name	Latin Name	% Weight	% Purity	% Germination
Low-Growing Turf Seed Mix A turf seed mix for dry situations where there is no need for watering. This mix requires very little maintenance.				
Dwarf tall fescue (several varieties)	*Festuca arundinacea var.*	45	98	90
Dwarf perennial rye (Barclay)	*Lolium perenne var. barclay*	30	98	90
Red fescue	*Festuca rubra*	20	98	90
Colonial bentgrass	*Agrostis tenuis*	5	98	90
Bioswale Seed Mix A seed mix for bioswales and other intermittently wet areas.				
Tall or meadow fescue	*Festuca arundinacea or Festuca elatior*	75-80	98	90
Seaside/Creeping bentgrass	*Agrostis palustris*	10-15	92	85
Redtop bentgrass	*Agrostis alba or Agrostis gigantea*	5-10	90	80

CITY OF MARYSVILLE

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THIS ___DAY OF ____, 2023.

BY: _____
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ENGR CHKR APVD

WAB DMH WAB

REVISIONS

STATE OF WASHINGTON
JONATHAN C. GAGE
22452
EXP. 03/17/2024
LANDSCAPE ARCHITECT
3/17/23

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	GBK
CHKR	JCGA
LARCH	JCGA
APVD	
DATE	FEB, 2023

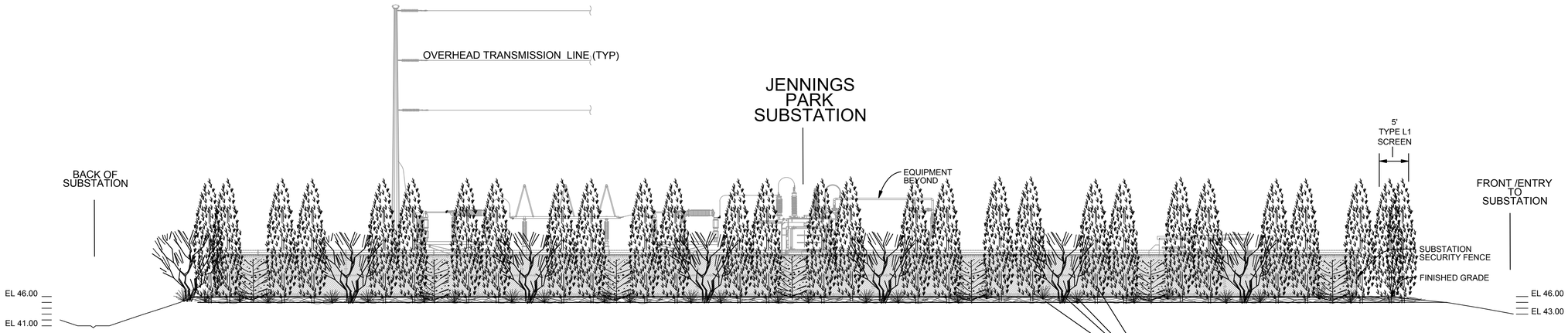
JENNINGS PARK SUBSTATION

LANDSCAPE PLAN

FOR PERMIT SUBMITTAL

REV	DRAWING
0	S-135-KL1

SW ¼, SE ¼ OF SEC 21, TWP 30N, R5E, W.M.



SOUTH ELEVATION

SCALE:
VERTICAL: 1"= 10'
HORIZONTAL: 1"= 10'

PROPOSED TREES, SHRUBS AND GROUNDCOVER TO SCREEN SUBSTATION (TYPICAL)

10 5 0 10
1" = 10' SCALE IN FEET1

CITY OF MARYSVILLE

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KNOW WHAT'S BELOW
CALL BEFORE YOU DIG
811
callbeforeyoudig.org

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
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REVISIONS

2/1/23
STATE OF WASHINGTON
JONATHAN C. GAGE
LANDSCAPE ARCHITECT
No. 952 EXP. 03/17/2024

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	GBK
CHKR	JCGA
LARCH	JCGA
APVD	
DATE	FEB, 2023

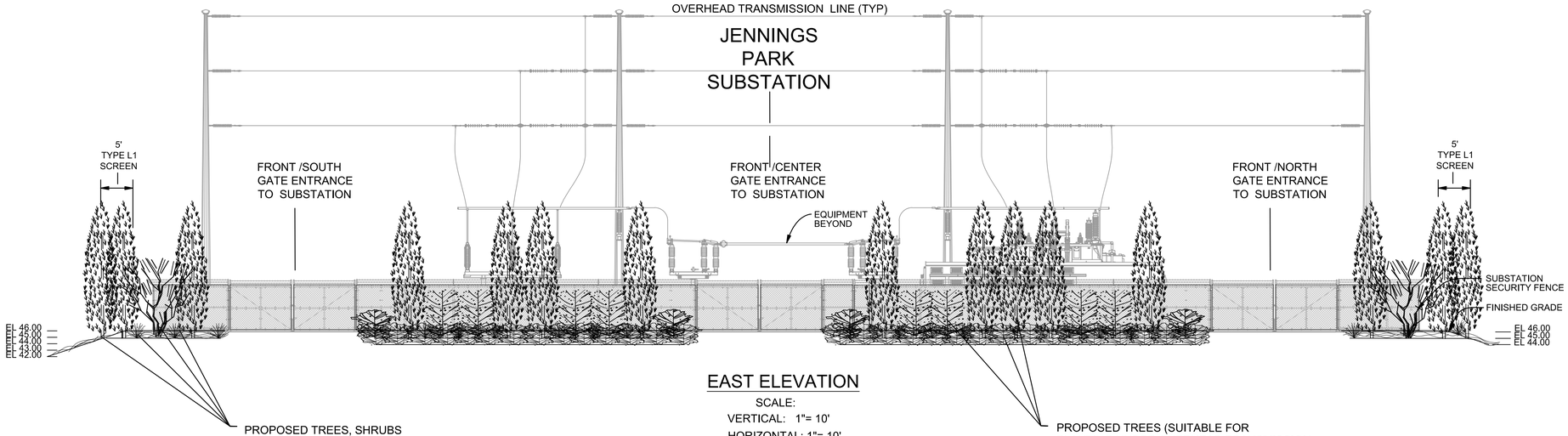
JENNINGS PARK SUBSTATION

LANDSCAPE AT SOUTH ELEVATION

FOR PERMIT SUBMITTAL

REV	DRAWING
0	S-135-KL2

SW ¼, SE ¼ OF SEC 21, TWP 30N, R5E, W.M.



EAST ELEVATION

SCALE:
VERTICAL: 1"= 10'
HORIZONTAL: 1"= 10'

10 5 0 10
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REVISIONS

STATE OF WASHINGTON
JONATHAN C. GAGE
22852
REGISTERED LANDSCAPE ARCHITECT
EXP. 03/07/2024

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
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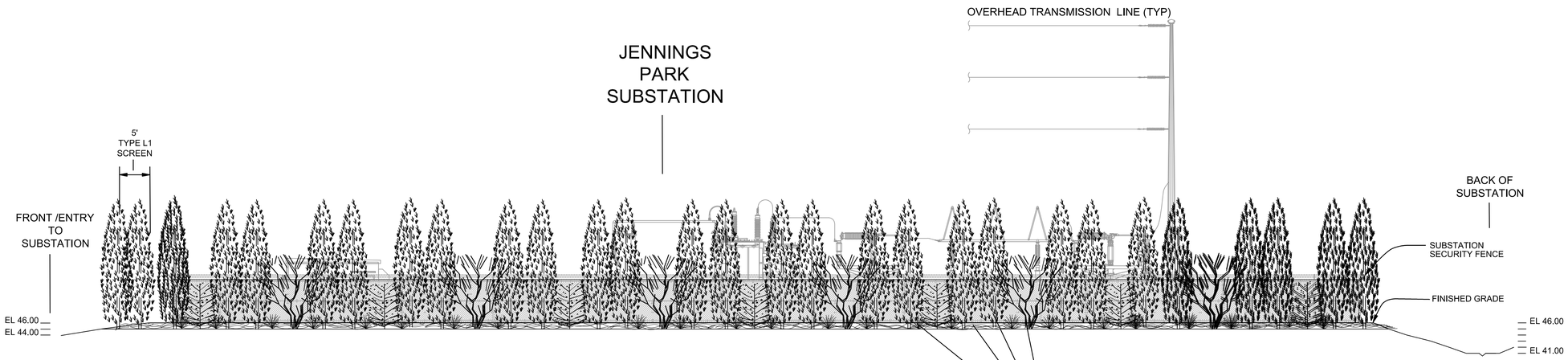
LARCH	JCGA
APVD	
DATE	FEB, 2023

JENNINGS PARK SUBSTATION
LANDSCAPE AT EAST ELEVATION
FOR PERMIT SUBMITTAL

REV	DRAWING
0	S-135-KL3

SW ¼, SE ¼ OF SEC 21, TWP 30N, R5E, W.M.



NORTH ELEVATION

SCALE:
VERTICAL: 1"= 10'
HORIZONTAL: 1"= 10'

KNOW WHAT'S BELOW
CALL BEFORE YOU DIG
811
callbeforeyoudig.org

CITY OF MARYSVILLE

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE APPLICABLE CITY OF MARYSVILLE CODES AND ORDINANCES. CONFORMANCE OF THIS DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER, WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRED OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISITION AND COMPIANCE OF ALL APPLICABLE PERMITS OR AUTHORIZATIONS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ANY CORP OF ENGINEERS FILL PERMITS AND REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

THIS ___DAY OF , 2023._____

BY: _____
KEN MCINTYRE, PE, ENGINEERING SERVICES MANAGER

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER A PERIOD OF 60 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL, PER MMC 22G.010.210.

No	DATE	BY	DESCRIPTION	ENGR	CHKR	APVD
0	2/9/23	CMC	ISSUED FOR CITY OF MARYSVILLE PERMITS W/O 100082332	WAB	DMH	WAB

REVISIONS

2/7/23
STATE OF WASHINGTON
JONATHAN C. GAGE
22952 EXP. 03/17/2024
LANDSCAPE ARCHITECT

SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	GBK
CHKR	JCGA
LARCH	JCGA
APVD	
DATE	FEB, 2023

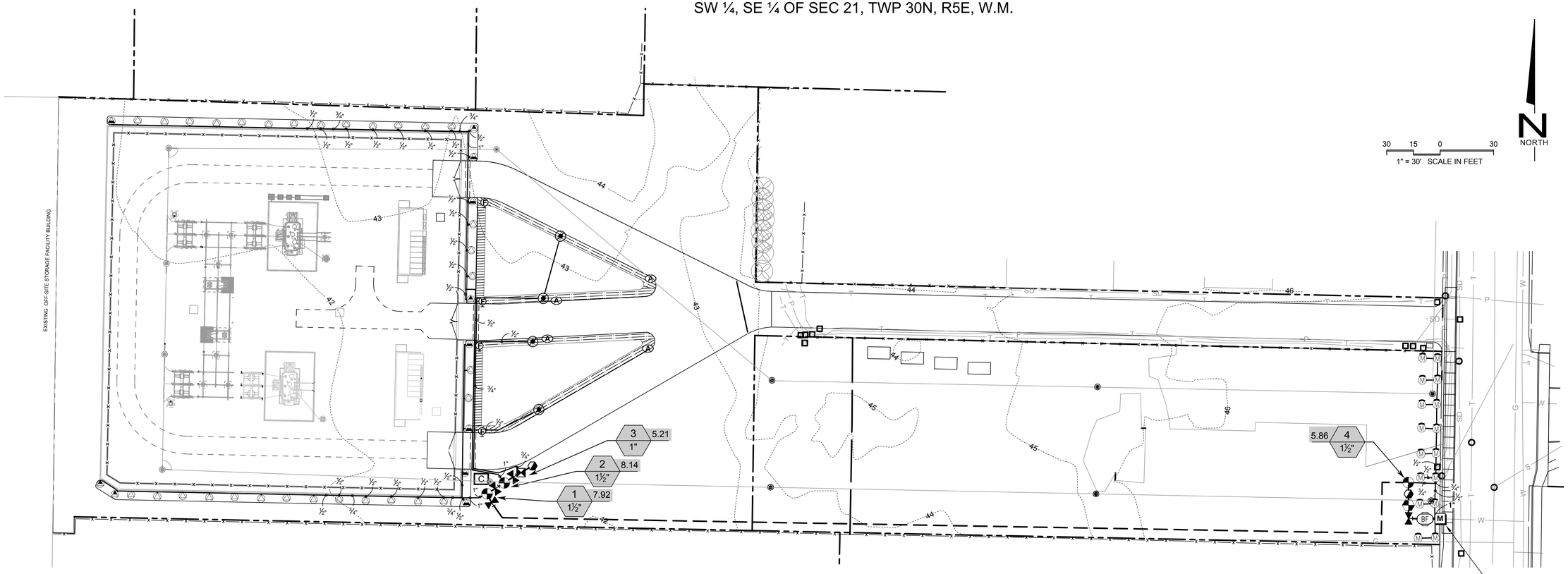
JENNINGS PARK SUBSTATION

LANDSCAPE AT NORTH ELEVATION

FOR PERMIT SUBMITTAL

REV	DRAWING
0	S-135-KL4

SW ¼, SE ¼ OF SEC 21, TWP 30N, R5E, W.M.



GENERAL NOTES:

1. IRRIGATION PLAN IS SCHEMATIC. ALL COMPONENTS SHALL BE INSTALLED IN PLANTING BEDS AND WITHIN PROPERTY LIMIITS.

KNOW WHAT'S BELOW
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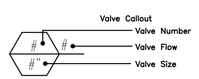
811
callbeforeyoudig.org

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY	PSI
LST RST SST	HUNTER MP STRIP PROS-12-PRS40-CV	42	40
M L O	HUNTER MP1000 PROS-12-PRS40-CV	16	40

SYMBOL	MANUFACTURER/MODEL	QTY
	HUNTER ICZ-101-40 DRIP ZONE VALVE	1
	PIPE TRANSITION POINT IN DRIP BOX	4
P	NETAFIM TL050MFV-1 FLUSH VALVE	4
A	NETAFIM 65ARIA075 AIR RELIEF VALVE	4
	AREA TO RECEIVE DRIPLINE NETAFIM TLHCVXR-CS-033-18	1,421 L.F.

SYMBOL	MANUFACTURER/MODEL	QTY
	HUNTER ICV-G MASTER VALVE	1
	HUNTER PGV-151 GLOBE ZONE VALVE	3
	HUNTER HQ-44LRC (2) QUICK COUPLER VALVE	2
	SHUT OFF VALVE	4
BF	WATTS 007 3/4" BACKFLOW PREVENTER	1
C	HUNTER XCH-0600-SS CONTROLLER	1
M	WATER METER 5/8" (EXISTING)	1
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	1,347 L.F.
	IRRIGATION MAINLINE: PVC SCHEDULE 40	620.6 L.F.
	PIPE SLEEVE: PVC SCHEDULE 40	59.2 L.F.



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LANDSCAPE ARCHITECT
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SNOHOMISH COUNTY PUD
PUBLIC UTILITY DISTRICT NO 1

ORDER	100082332
OPERATION	
SCALE	NOTED
DFTR	GBK
CHKR	JCGA
LARCH	JCGA
APVD	
DATE	FEB, 2023

JENNINGS PARK SUBSTATION

IRRIGATION PLAN

FOR PERMIT SUBMITTAL

REV	DRAWING
0	S-135-KL5