

SURVEY INFORMATION:

PURPOSE OF THIS SURVEY: THE PURPOSE OF THIS SURVEY IS TO SHOW EXISTING CONDITIONS FOR DEVELOPMENT AND/OR DESIGN... PROJECT BASE POINT: LATITUDE: N47.213701882... VERTICAL DATUM IS NAVD83 PER WSRN TIED TO GEOID18... LOCAL SITE/PROJECT BENCHMARKS: AS SHOWN ON THIS SURVEY (SEE SHEETS C4-C6)...

SOILS REPORT NOTES:

1. THE FOLLOWING SOILS REPORT FOR THE SITE SHALL BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS: GEOTECHNICAL ENGINEERING REPORT FREEMAN LOGISTICS... PREPARED BY: TERRA ASSOCIATES, INC. 12220 113TH AVENUE NE, SUITE 130 KIRKLAND, WA 98034 PH: (425) 821-7777

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL PROVISIONS OF THE SOILS REPORT FOR THE SITE BE OBSERVED AND COMPLIED WITH DURING ALL PHASES OF THE SITE PREPARATION, GRADING OPERATIONS, FOUNDATION, SLAB, AND PAVING CONSTRUCTION.

3. ANY PROVISIONS OF THE SOILS REPORT WHICH CONFLICT WITH INFORMATION SHOWN ELSEWHERE ON THESE DRAWINGS, OR WHICH REQUIRE FURTHER CLARIFICATION, SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR DETERMINATION.

4. A REPRESENTATIVE OF THE SOILS ENGINEER SHALL BE AVAILABLE TO OBSERVE AND APPROVE THE EARTHWORK OPERATIONS AND TO VERIFY FIELD CONDITIONS AS WORK PROCEEDS. THE SOILS ENGINEER SHALL SUBMIT FIELD REPORTS CERTIFYING THAT THE METHODS AND MATERIALS OF THE EARTHWORK OPERATIONS WERE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOILS INVESTIGATION AND THAT THE WORK WAS PERFORMED TO HIS/HER SATISFACTION.

5. THE SOILS ENGINEER SHOULD BE NOTIFIED AT LEAST FIVE (5) WORKING DAYS PRIOR TO ANY SITE CLEARING OR GRADING.

6. SOILS PLACED IN STRUCTURAL AREAS SHOULD BE PLACED IN LOOSE LIFTS OF 12 INCHES OR LESS AND COMPACTED TO A RELATIVE COMPACTION OF 90 PERCENT, BASED ON THE LABORATORY MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD (ASTM D-1557) FOR SOIL PLACED IN UTILITY TRENCHES UNDERLYING STRUCTURAL AREAS...

ESTIMATED EARTHWORK QUANTITIES:
CY CUT: 40,710
CY FILL: 45,600
CY NET: 4,890 CY (FILL)
AREA TO BE DISTURBED = 25.59 AC
EARTHWORK QUANTITIES ARE APPROXIMATE AND HIGHLY DEPENDENT ON SOIL CONDITIONS ENCOUNTERED DURING CONSTRUCTION. CONTRACTOR SHOULD PERFORM INDEPENDENT ESTIMATE FOR BIDDING.

SITE PLAN NOTE:

SITE PLAN HAS BEEN PROVIDED BY SYNTHESIS, PLLC. BARGHAUSEN CONSULTING ENGINEERS, INC. HAS NOT VERIFIED THE ACCURACY OF THE SITE PLAN.

EXISTING TOPOGRAPHY/SURVEY INFORMATION NOTE:

SURVEY DATED FEBRUARY 28, 2022 WAS COMPLETED BY TREVOR S. LANKTREE, P.L.S. OF LANKTREE LAND SURVEYING, INC. BARGHAUSEN HAS NOT VERIFIED THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. SITE DESIGN HAS BEEN BASED ON ABOVE REFERENCED SURVEY.

HORIZONTAL CONTROL NOTE:

CONTRACTOR SHALL HAVE ALL PROPERTY LINES, CURB, SIDEWALK, STRUCTURES, CONCRETE PADS AND ANY OTHER ABOVE GROUND PERMANENT STRUCTURE DEPICTED ON THESE PLANS STAKED FOR CONSTRUCTION BY A LICENSED SURVEYOR. LICENSED SURVEYOR SHALL STAKE ALL ITEMS USING COORDINATE GEOMETRY (RECTIFIED TO SITE CONTROL) CONTAINED IN CAD DRAWING FILES PROVIDED BY BARGHAUSEN CONSULTING ENGINEERS, INC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RETRIEVE LATEST CAD FILES FROM BARGHAUSEN CONSULTING ENGINEERS, INC., REFLECTING ANY ISSUED PLAN REVISIONS. BARGHAUSEN CONSULTING ENGINEERS SHALL IMMEDIATELY BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.

PROPOSED LEGEND:

(NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)

- TYPE II CATCH BASIN
TYPE I CATCH BASIN
STORM DRAIN FLOW ARROW
STORM DRAINAGE LINE
SANITARY SEWER LINE
SANITARY SEWER CLEANOUT
FIRE HYDRANT
WATER VALVE
CONCRETE BLOCKING
90° BEND
SPOT ELEVATIONS
CONTOURS
WOODEN FENCE
WHEEL STOP
ASPHALT PAVEMENT
CONCRETE PAVEMENT

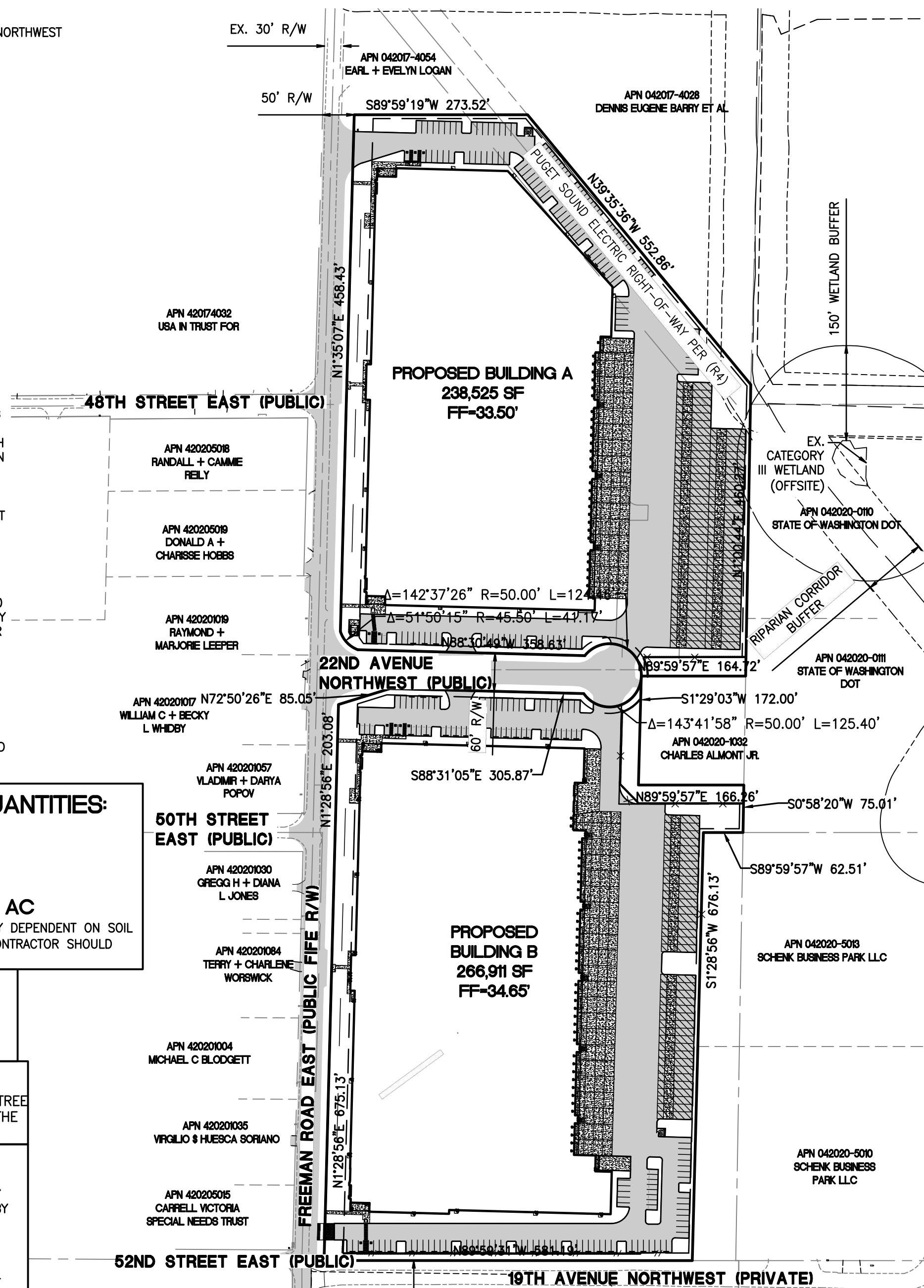
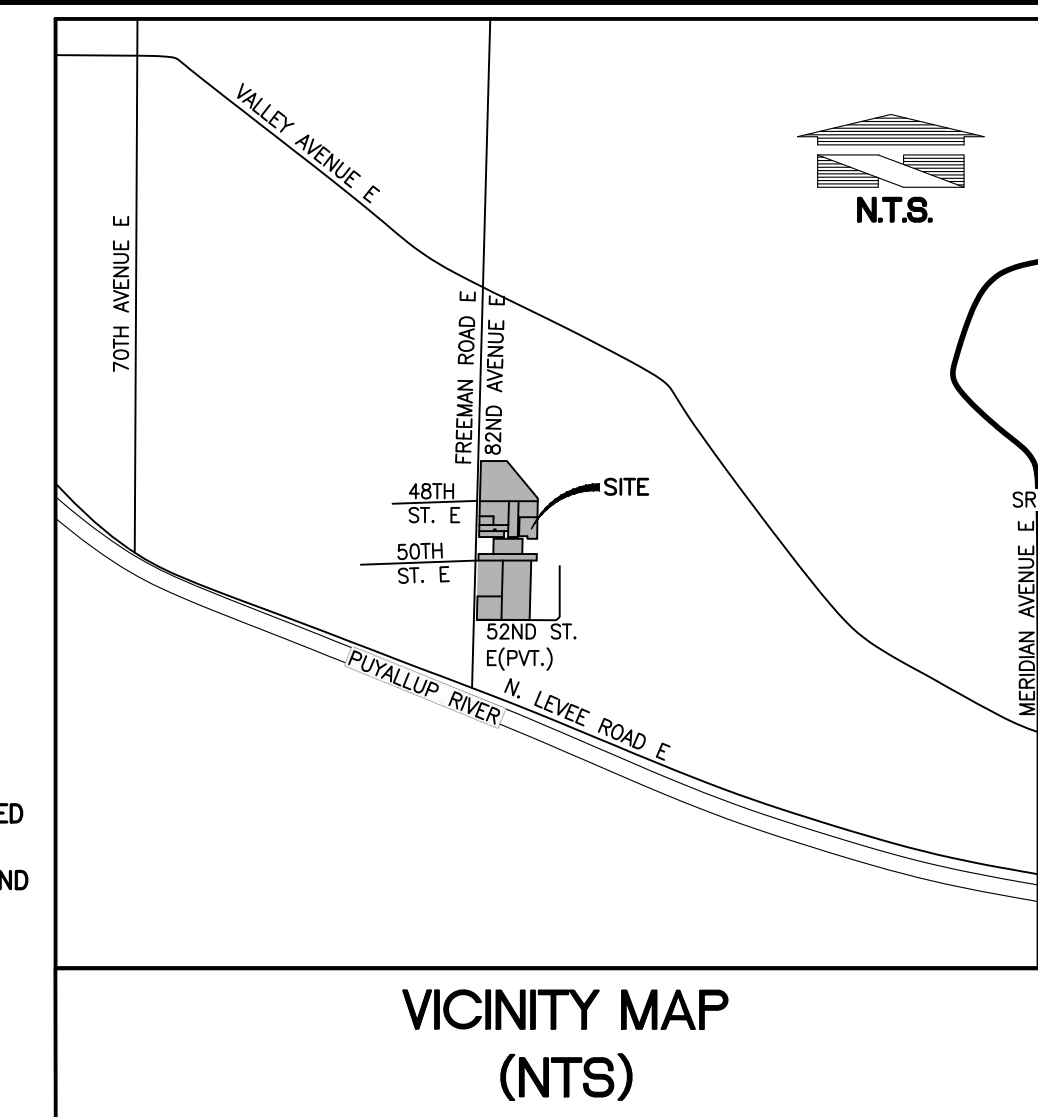
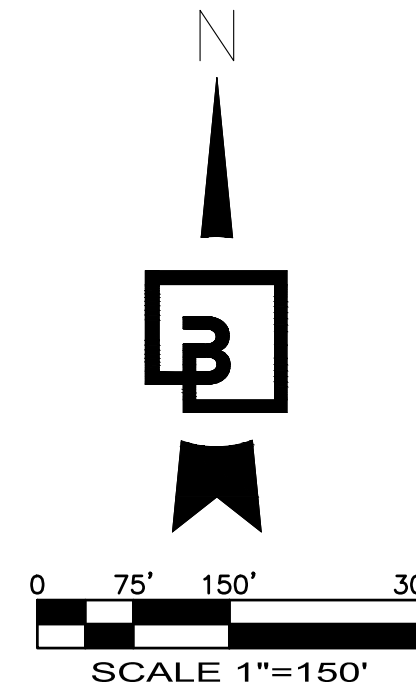
UTILITY CONFLICT NOTE:

CAUTION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLES THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POTHOLES ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

COVER SHEET

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M. AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M. PIERCE COUNTY, WASHINGTON



LIDAR DISCLAIMER:

NOTE: PORTIONS OF THE INFORMATION ON THIS DRAWING HAVE BEEN CREATED USING A SUBSET OF DATA OBTAINED FROM THE PUGET SOUND LIDAR CONSORTIUM AND/OR WASHINGTON DEPARTMENT OF NATURAL RESOURCES, AND HAS NOT BEEN INDEPENDENTLY VERIFIED BY BARGHAUSEN CONSULTING ENGINEERS, LLC. THIS DATA IS PROVIDED FOR YOUR INFORMATION ONLY. BARGHAUSEN CONSULTING ENGINEERS, LLC DOES NOT ASSUME ANY LIABILITY FOR ANY ERRORS, OMISSIONS OR INACCURACIES IN THE LIDAR INFORMATION SHOWN HEREON OR THE USE THEREOF.

GENERAL SITE NOTES:

- 1. THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE COPIES OF THE APPLICABLE GOVERNING AGENCY STANDARDS AT THE JOB SITE DURING THE RELATED CONSTRUCTION OPERATIONS.
2. CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. UTILITIES OTHER THAN THOSE SHOWN MAY EXIST ON THIS SITE. ONLY THOSE UTILITIES WITH EVIDENCE OF THEIR INSTALLATION VISIBLE AT GROUND SURFACE OR SHOWN ON RECORD DRAWING PROVIDED BY OTHERS ARE SHOWN HEREON. EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY AND ARE SUBJECT TO A DEGREE OF UNKNOWN VARIATION. SOME UNDERGROUND LOCATIONS SHOWN HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. BARGHAUSEN CONSULTING ENGINEERS, INC. ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS OR RECORDS OF OTHERS. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, LLC TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE APPROPRIATE UTILITIES INVOLVED PRIOR TO CONSTRUCTION.
6. INSPECTION OF SITE WORK WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE GOVERNING JURISDICTION. INSPECTION OF PRIVATE FACILITIES WILL BE ACCOMPLISHED BY A REPRESENTATIVE OF THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE INSPECTOR 24 HOURS IN ADVANCE OF BACKFILLING ALL CONSTRUCTION.
7. PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY THE CONTRACTOR SHALL CONTACT THE AGENCY AND/OR UTILITY INSPECTION PERSONNEL AND ARRANGE ANY REQUIRED PRE-CONSTRUCTION MEETING(S). CONTRACTOR SHALL PROVIDE ONE WEEK MINIMUM ADVANCE NOTIFICATION TO OWNER, FIELD ENGINEER AND ENGINEER OF PRE-CONSTRUCTION MEETINGS.
8. THE CONTRACTOR IS RESPONSIBLE FOR WORKER AND SITE SAFETY AND SHALL COMPLY WITH THE LATEST OSHA STANDARDS AND REGULATIONS, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LAKE OF TRAFFIC AFFECTED.
10. PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ALL ADJACENT PUBLIC AND PRIVATE PROPERTIES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITY SERVICES THAT ARE TO REMAIN OPERATIONAL WITHIN THE CONSTRUCTION AREA WHETHER SHOWN OR NOT SHOWN ON THE PLANS.
11. TWO (2) COPIES OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. ONE (1) SET WITH RECORDS OF AS-BUILT INFORMATION SHALL BE SUBMITTED TO BARGHAUSEN CONSULTING ENGINEERS, LLC AT COMPLETION OF PROJECT.
12. CONTRACTOR SHALL OBTAIN SERVICES OF A LICENSED LAND SURVEYOR TO STAKE HORIZONTAL CONTROL FOR ALL NEW IMPROVEMENTS. STAKING CONTROL SHALL BE TAKEN FROM ELECTRONIC PLAN FILES PROVIDED BY BARGHAUSEN CONSULTING ENGINEERS, LLC.
13. CONTRACTOR SHALL REQUEST FROM BARGHAUSEN CONSULTING ENGINEERS, LLC, PRIOR TO ANY CONSTRUCTION STAKING OR CONSTRUCTION WORK, A FORMAL CONSTRUCTION RELEASE PLAN SET OR SPECIFIC RELEASE IN WRITING. THE APPROVED AGENCY PERMIT DRAWINGS WILL NOT BE CONSIDERED CONSTRUCTION RELEASE PLANS BY BARGHAUSEN CONSULTING ENGINEERS, LLC. UNLESS BARGHAUSEN CONSULTING ENGINEERS, LLC HAS GIVEN A FORMAL WRITTEN RELEASE OR ISSUED A CONSTRUCTION RELEASE PLAN SET.

DEVELOPER/OWNER

VECTOR DEVELOPMENT COMPANY
11411 NE 124TH WAY SUITE 190
KIRKLAND, WA 98034
PH: (425) 968-5115
CONTACT: TYLER LITZENBERGER
EMAIL: TLITZ@VECTORCORP.COM

SURVEYOR

LANKTREE LAND SURVEYING, INC.
25510 74TH AVENUE SOUTH
SEATTLE, WA 98148
PH: (206) 853-6423
CONTACT: TREVOR LANKTREE, P.L.S.
EMAIL: TLANKTREE@LANKTREELAND.COM

ENVIRONMENTAL

ANCHOR GEA, LLC.
12220 113TH AVE NE SUITE 130
BELLEVUE, WA 98034
PH: (425) 821-7777
CONTACT: CAROLYN S. DECKER, P.E.
EMAIL: CDECKER@TERRA-ASSOCIATES.COM

GEOTECHNICAL

TERRA ASSOCIATES
12220 113TH AVE NE SUITE 130
BELLEVUE, WA 98034
PH: (425) 821-7777
CONTACT: CAROLYN S. DECKER, P.E.
EMAIL: CDECKER@TERRA-ASSOCIATES.COM

ENGINEER

BARGHAUSEN CONSULTING ENGINEERS, LLC
KENT WA, 98032
PH: (425) 251-6222
CONTACT: JASON MCARDEL, P.E.
EMAIL: JMCARDEL@BARGHAUSEN.COM

ARCHITECT

SYNTHESIS, PLLC
12503 NE BELL-RED ROAD, SUITE 100
BELLEVUE, WA 98005
PH: (425) 646-1818
CONTACT: LISA MORRELL EHIL
EMAIL: LISA.EHIL@SYNTHESISPLLC.COM

TRAFFIC ENGINEER

KIMLEY HORN
22722 29TH DRIVE SE, SUITE 100
BOTHELL, WA 98021
PH: (425) 339-8266
CONTACT: MATT PALMER
EMAIL: PALMER@KIMLEY-HORN.COM

LOT COVERAGE SUMMARY table with columns: BUILDINGS, ASPHALT/CONCRETE, LANDSCAPE/JANISUBURBED, TOTAL. Values: 505,436 S.F. = 11.60 AC (48.23%), 338,036 S.F. = 7.76 AC (32.26%), 204,146 S.F. = 4.69 AC (19.51%), 1,047,618 S.F. = 24.05 AC (100%).

MONUMENT PROTECTION NOTE:

CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR OBTAINING PERMITS FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES FOR REMOVING AND REPLACING ALL SURVEY MONUMENTATION THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITY, PURSUANT TO WAC 332-120. APPLICATIONS MUST BE COMPLETED BY A REGISTERED LAND SURVEYOR. APPLICATIONS FOR PERMITS TO REMOVE MONUMENTS MAY BE OBTAINED FROM THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, OR BY CONTACTING THEIR OFFICE BY TELEPHONE AT (206) 902-1190.

WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
PUBLIC LAND SURVEY OFFICE
1111 WASHINGTON STREET S.E.
P.O. BOX 47060
OLYMPIA, WASHINGTON 98504-7060

UPON COMPLETION OF CONSTRUCTION, ALL MONUMENTS DISPLACED, REMOVED, OR DESTROYED SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR, AT THE COST OF THE CONTRACTOR AT THE DIRECTION OF THE CONTRACTOR, PURSUANT TO THESE REGULATIONS. THE APPROPRIATE FORMS FOR REPLACEMENT OF SAID MONUMENTATION SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR.

CALL BEFORE YOU DIG: 1-800-424-5555

COVER SHEET FOR FREEMAN LOGISTICS. Includes title block with project name, location, and company information.

FOR: VECTOR DEVELOPMENT COMPANY, 11411 NE 124TH STREET, SUITE 190, KIRKLAND, WA 98034. Includes project details and contact information.

Professional Engineer seal for Jason S. Mcardel, License No. 94927, State of Washington. Includes date 12/20/24.

Scale information: Horizontal 1"=150', Vertical N/A. Includes drawing status: Designed, Drawn, Checked, Approved, Date 12/20/24.

Barghausen Consulting Engineers, LLC. 18215 72nd Avenue South, Kent, WA 98032. Phone: 425.251.6222. Website: barghausen.com.

APPROVED stamp from City of Puyallup Development Engineering. Includes date and signature lines. Also includes job number 21585 and sheet number C1 of 44.

EXISTING CONDITIONS - LEGAL DESCRIPTIONS

OF FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M. AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M. PIERCE COUNTY, WASHINGTON

LEGAL DESCRIPTIONS: PARCEL A WESTBY (APN 042020-5017) FIRSTAM ORDER 4269-3710994, MARCH 22, 2021 LOT 2, PIERCE COUNTY SHORT PLAT, ACCORDING TO PLAT RECORDED MARCH 23, 1994 UNDER RECORD NO. 9403231137, IN PIERCE COUNTY, WASHINGTON. SITUATE IN THE COUNTY OF PIERCE, STATE OF WASHINGTON. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3710994] ITEM A1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

PARCEL B SESSLER (APN 042017-4075) FIRSTAM ORDER 4269-3711001, MARCH 15, 2021 THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 20 NORTH, RANGE 4 EAST, OF THE WILLAMETTE MERIDIAN, LYING SOUTH OF THE EASTERLY LINE OF THE PUGET SOUND ELECTRIC RIGHT-OF-WAY. EXCEPT THE NORTHERLY 208 FEET. ALSO EXCEPT THAT PORTION LYING WITHIN ROADS. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3710994] ITEM A1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

PARCEL C KEATON (APN 042017-4075) FIRSTAM ORDER 4269-3358130, NOVEMBER 12, 2019 THE SOUTH 75 FEET OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON. DOES NOT EXCEPT OF FREEMAN ROAD. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3358130] ITEM C1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

PARCEL D GALLOWAY (APN 042020-1039) FIRSTAM ORDER 4269-3319199, SEPTEMBER 8, 2019 BEGINNING AT A POINT 15 FEET EAST OF THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON. EXCEPT THE SOUTH 100 FEET OF THE POINT 160 FEET THEREOF.

PARCEL E GALLOWAY (APN 042020-1096) FIRSTAM ORDER 4269-3319199, SEPTEMBER 8, 2019 THE SOUTH 100 FEET OF THE WEST 160 FEET OF THE FOLLOWING DESCRIBED PROPERTY: BEGINNING AT A POINT 15 FEET EAST OF THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON. EXCEPT THE SOUTH 100 FEET OF THE POINT OF BEGINNING.

PARCEL F SHAWLE (APN 042020-1042) FIRSTAM ORDER 4269-3348930, OCTOBER 22, 2019 BEGINNING 601.000 FEET EAST OF THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN. EXCEPT THE SOUTH 172 FEET; THENCE WEST 330 FEET TO POINT OF BEGINNING, IN PIERCE COUNTY, WASHINGTON.

PARCEL G ORELL (APN 042020-1101) FIRSTAM ORDER 4269-3348684, OCTOBER 24, 2019 THE EAST 322 FEET OF THE WEST 616 FEET OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN. TOGETHER WITH A NON-EXCLUSIVE EASEMENT FOR INGRESS, EGRESS AND UTILITIES 60 FEET IN WIDTH AS GRANTED BY INSTRUMENT RECORDED JULY 30, 1980 UNDER RECORDING NO. 800697.

PARCEL H JOHNSON (APN 042020-5003) FIRSTAM ORDER 4269-3445550, APRIL 3, 2020 LOT 1, PIERCE CO. SHORT PLAT NO. 8009280306, ACCORDING TO SHORT PLAT RECORDED SEPTEMBER 26, 1980 WHICH IS A RE-RECORD OF PIERCE CO. SHORT PLAT NO. 75-171, ACCORDING TO SHORT PLAT RECORDED JUNE 5, 1975, RECORDS OF PIERCE COUNTY AUDITOR. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3445550] ITEM H1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

PARCEL I KEATON (APN 042017-4075) FIRSTAM ORDER 4269-3358130, NOVEMBER 12, 2019 THE SOUTH 75 FEET OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON. DOES NOT EXCEPT OF FREEMAN ROAD. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3358130] ITEM C1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

PARCEL J KEATON (APN 042017-4075) FIRSTAM ORDER 4269-3358130, NOVEMBER 12, 2019 THE SOUTH 75 FEET OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON. DOES NOT EXCEPT OF FREEMAN ROAD. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3358130] ITEM C1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

PARCEL K KEATON (APN 042017-4075) FIRSTAM ORDER 4269-3358130, NOVEMBER 12, 2019 THE SOUTH 75 FEET OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON. DOES NOT EXCEPT OF FREEMAN ROAD. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3358130] ITEM C1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

PARCEL L KEATON (APN 042017-4075) FIRSTAM ORDER 4269-3358130, NOVEMBER 12, 2019 THE SOUTH 75 FEET OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON. DOES NOT EXCEPT OF FREEMAN ROAD. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3358130] ITEM C1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

PARCEL M KEATON (APN 042017-4075) FIRSTAM ORDER 4269-3358130, NOVEMBER 12, 2019 THE SOUTH 75 FEET OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN, IN PIERCE COUNTY, WASHINGTON. DOES NOT EXCEPT OF FREEMAN ROAD. SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3358130] ITEM C1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. (SURVEYOR IS NOT AWARE OF ANY)

ITEM G2) TAXES OR ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS. (NON SURVEY RELATED ITEM) ITEM G3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. (SURVEYOR IS NOT AWARE OF ANY) ITEM G4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (NON SURVEY RELATED ITEM) ITEM G5) DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER FACTS WHICH A CORRECT SURVEY WOULD DISCLOSE, AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (SEE SURVEY FOR EXISTING CONDITIONS)

ITEM H4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (SURVEYOR IS NOT AWARE OF ANY) ITEM H5) DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER FACTS WHICH A CORRECT SURVEY WOULD DISCLOSE, AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (SEE SURVEY FOR EXISTING CONDITIONS) ITEM H6) ANY UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B) OR (C) ARE SHOWN BY THE PUBLIC RECORDS; (D) INDIAN TRIBAL CODES OR REGULATIONS, INDIAN TREATY OR ABORIGINAL RIGHTS, INCLUDING EASEMENTS OR EQUITABLE SERVICITUDES. (SURVEYOR IS NOT AWARE OF ANY) ITEM H7) ANY LIEN, OR RIGHT TO A LIEN, FOR SERVICES, LABOR OR MATERIALS OR MEDICAL ASSISTANCE HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY THE PUBLIC RECORDS. (SURVEYOR IS NOT AWARE OF ANY) ITEM H8) ANY SERVICE, INSTALLATION, CONNECTION, MAINTENANCE, CONSTRUCTION, TAP OR REIMBURSEMENT CHARGES/COSTS FOR SEWER, WATER, GARBAGE OR ELECTRICITY. (NON SURVEY RELATED ITEM) ITEM H9-110) TAX RELATED (NON SURVEY RELATED ITEMS) ITEM H11) ACCORDING TO THE APPLICATION FOR TITLE INSURANCE, CAROL ANN ORELL IS NOW KNOWN AS CAROL A. JOHNSON. THE FORTHCOMING INSTRUMENT SHOULD BE EXECUTED BY CAROL A. JOHNSON, WHO ACQUIRED TITLE AS CAROL ANN ORELL, TO IMPART CONSTRUCTIVE NOTICE. (NON SURVEY RELATED ITEM) ITEM H12) RIGHT, TITLE AND INTEREST OF THE HEREIN NAMED PARTIES AS DISCLOSED BY THE APPLICATION FOR TITLE INSURANCE, THE INTEREST OF WHICH CANNOT BE DETERMINED OF RECORD. FURTHER OPINION RESERVED PENDING SUBMISSION OF MATERIAL FACTS. PARTIES: RICHARD J. JOHNSON (NON SURVEY RELATED ITEM) ITEM H13) EXAMINATION OF THE RECORDS DISCLOSES NUMEROUS MATTERS PENDING AGAINST PERSONS WITH NAMES SIMILAR TO RICHARD JOHNSON. A STATEMENT OF IDENTITY SHOULD BE COMPLETED AND RETURNED TO THIS COMPANY FOR CONSIDERATION PRIOR TO CLOSING. (NON SURVEY RELATED ITEM) ITEM H14) THE LAND DESCRIBED IN THIS COMMITMENT APPEARS TO BE RESIDENTIAL IN NATURE AND MAY BE SUBJECT TO THE PROVISIONS OF R.C.W. 61.13.010, ET SEQ. (HOMESTEAD STATUTE). IF THE LAND IS OCCUPIED AS A PRIMARY RESIDENCE, IF THE LAND IS OCCUPIED AS A PRIMARY RESIDENCE, R.C.W. 61.13.080 REQUIRES THAT ALL DOCUMENTS CONCERNING OR DOCUMENTING THE LAND MUST BE EXECUTED BY EACH SPOUSE OR DOMESTIC PARTNER, INDIVIDUALLY, ALTERNATIVELY, THE COMPANY WILL ACCEPT A DEED IDENTIFYING THE NON-VESTED SPOUSE OCCUPYING THE PROPERTY AS THE GRANTEE AND THE VESTED SPOUSE AS THE GRANTEE. IN THE EVENT THAT THE COMPANY RECEIVES DOCUMENTS TO INSURE THAT ARE NOT EXECUTED AS REQUIRED, THE COMPANY MAY BE UNABLE TO RECORD OR TO INSURE THE TRANSACTION. PLEASE CONTACT YOUR TITLE OFFICER IF YOU HAVE ANY QUESTIONS. (NON SURVEY RELATED ITEM) ITEM H15) EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN: RECORDED INFORMATION: 782013 IN FAVOR OF: PUGET SOUND POWER & LIGHT COMPANY, A MASSACHUSETTS CORPORATION FOR: ELECTRIC TRANSMISSION AND/OR DISTRIBUTION LINE (EASEMENT FALLS WITHIN FREEMAN ROAD EAST, THEREFORE NOT SHOWN)

ITEM H16) ANY AND ALL OFFERS OF DEDICATION, CONDITIONS, RESTRICTIONS, EASEMENTS, BOUNDARY DISCREPANCIES OR ENCROACHMENTS, NOTES AND/OR PROVISIONS SHOWN OR DISCLOSED BY PIERCE CO. SHORT PLAT RECORDED UNDER RECORDING NUMBER 800280306, SA SHORT PLAT IS RE-RECORD OF SHORT PLAT NO. 75-171. (SEE SURVEY FOR EXISTING CONDITIONS) ITEM H17) MATTERS OF EXTENDED OWNER/PURCHASER COVERAGE WHICH ARE DEPENDENT UPON AN INSPECTION AND AN ALTA SURVEY OF THE PROPERTY FOR DETERMINATION OF INSURABILITY. PLEASE SUBMIT A COPY OF THE ALTA SURVEY AT YOUR EARLIEST CONVENIENCE FOR REVIEW. OUR INSPECTION WILL BE HELD PENDING OUR REVIEW OF THE ALTA SURVEY AND THE RESULT OF SAID INSPECTION WILL BE FURNISHED BY SUPPLEMENTAL REPORT. NOTE: PRIOR TO THE ISSUANCE OF AN EXTENDED COVERAGE OWNERS POLICY (INCLUDING OUR HOMEOWNERS POLICY OF TITLE INSURANCE), THE COMPANY WILL REQUIRE ITS FORM OWNERS ATTEMPT TO BE COMPLETED AND SUBMITTED TO THE COMPANY FOR APPROVAL. PRIOR TO CLOSING, THE COMPANY RESERVES THE RIGHT TO MAKE ANY ADDITIONAL REQUIREMENTS AS WARRANTED. (SEE SURVEY FOR EXISTING CONDITIONS) ITEM H18) THERE ARE VARIOUS ONGOING CLOSURES AND INACCESSIBILITY OF CERTAIN RECORDS IN COUNTIES AND MUNICIPALITIES ACROSS THE COUNTRY DUE TO THE COVID-19 EMERGENCY. IF UNABLE TO RECORD DOCUMENTS IN THE PUBLIC RECORDS DUE TO CLOSURE OR INACCESSIBILITY, EXECUTION OF A DECLARATION OF UNDERSTANDING AND INDEMNITY AND HOLD HARMLESS AGREEMENT DUE TO THE COVID-19 EMERGENCY IS REQUIRED BY THE PARTIES (OTHER THAN THE LENDER) TO THE CONTINGATED TRANSACTION. (NON SURVEY RELATED ITEM)

ITEM I1) EVIDENCE OF THE AUTHORITY OF THE INDIVIDUAL(S) TO EXECUTE THE FORTHCOMING DOCUMENT FOR VECTOR WASHINGTON LLC, COPIES OF THE CURRENT OPERATING AGREEMENT SHOULD BE SUBMITTED PRIOR TO CLOSING. (NON SURVEY RELATED ITEM) ITEM I2) TAXES OR ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS. (NON SURVEY RELATED ITEM) ITEM I3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. (SURVEYOR IS NOT AWARE OF ANY) ITEM I4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (SURVEYOR IS NOT AWARE OF ANY)

ITEM J1) EVIDENCE OF THE AUTHORITY OF THE INDIVIDUAL(S) TO EXECUTE THE FORTHCOMING DOCUMENT FOR VECTOR WASHINGTON LLC, COPIES OF THE CURRENT OPERATING AGREEMENT SHOULD BE SUBMITTED PRIOR TO CLOSING. (NON SURVEY RELATED ITEM) ITEM J2) TAXES OR ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS. (NON SURVEY RELATED ITEM) ITEM J3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. (SURVEYOR IS NOT AWARE OF ANY) ITEM J4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (SURVEYOR IS NOT AWARE OF ANY)

ITEM K1) EVIDENCE OF THE AUTHORITY OF THE INDIVIDUAL(S) TO EXECUTE THE FORTHCOMING DOCUMENT FOR VECTOR WASHINGTON LLC, COPIES OF THE CURRENT OPERATING AGREEMENT SHOULD BE SUBMITTED PRIOR TO CLOSING. (NON SURVEY RELATED ITEM) ITEM K2) TAXES OR ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS. (NON SURVEY RELATED ITEM) ITEM K3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. (SURVEYOR IS NOT AWARE OF ANY) ITEM K4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. (SURVEYOR IS NOT AWARE OF ANY)

Table with 2 columns: No., Date. Row 1: 5, 12/13/24

Table with 2 columns: By, Appr. Row 1: DTC, JSM

Table with 2 columns: Scale, Horizontal/Vertical. Row 1: Horizontal, N/A

Table with 2 columns: Designed, Drawn, Checked, Approved, Date. Row 1: JSM, JSM, JSM, JSM, 12/20/24

Table with 2 columns: Job Number, Sheet. Row 1: 21585, C2 of 44

Revision: SEPA RESUBMITTAL

Title: EXISTING CONDITIONS - LEGAL DESCRIPTIONS

For: VECTOR DEVELOPMENT COMPANY 11411 NE 124TH STREET SUITE 190 KIRKLAND, WA 98034

Barghausen Consulting Engineers, LLC. 18215 72nd Avenue South Kent, WA 98032 425.251.6222 barghausen.com

APPROVED BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING DATE: []

EXISTING CONDITIONS - LEGAL DESCRIPTIONS

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON

LEGAL DESCRIPTIONS:

PARCEL I
V&A (APN 042020-5016) FIRSTAM ORDER 4269-345601 APRIL 20, 2020
LOT 1, PIERCE COUNTY SHORT PLAT, ACCORDING TO PLAT RECORDED MARCH 23, 1994 UNDER RECORDING NO. 9403231137, IN PIERCE COUNTY, WASHINGTON.

SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-345601]
ITEM 1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 2) TAXES OR ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS. **(NON SURVEY RELATED ITEM)**

ITEM 3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 5) DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER FACTS WHICH A CORRECT SURVEY WOULD DISCLOSE, AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SEE SURVEY FOR EXISTING CONDITIONS)**

ITEM 6) (A) UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B) OR (C) ARE SHOWN BY THE PUBLIC RECORDS; (D) INDIAN TRIBAL CODES OR REGULATIONS, INDIAN TREATY OR ABORIGINAL RIGHTS, INCLUDING EASEMENTS OR EQUITABLE SERVITUDES. **(NON SURVEY RELATED ITEM)**

ITEM 7) ANY LIEN, OR RIGHT TO A LIEN, FOR SERVICES, LABOR OR MATERIALS OR MEDICAL ASSISTANCE HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 8) ANY SERVICE, INSTALLATION, CONNECTION, MAINTENANCE, CONSTRUCTION, TAP OR REIMBURSEMENT CHARGES/COSTS FOR SEWER, WATER, GAS, OR ELECTRICITY. **(NON SURVEY RELATED ITEM)**

ITEMS 9-10) TAX RELATED. **(NON SURVEY RELATED ITEMS)**

ITEM 11) DEED OF TRUST AND THE TERMS AND CONDITIONS THEREOF.

GRANTOR/TRUSTOR: DALE VOLK, A SINGLE INDIVIDUAL.
GRANTEE/BENEFICIARY: MORTGAGE ELECTRONIC REGISTRATION SYSTEMS, INC., "MERS" SOLELY AS A SUCCESSORS AND ASSIGNS
TRUSTEE: FIRST AMERICAN TITLE
DATED: JULY 08, 2012
RECORDED: JULY 13, 2012
RECORDING INFORMATION: 201207130404

ITEM 12) THE LAND DESCRIBED IN THIS COMMITMENT APPEARS TO BE RESIDENTIAL IN NATURE AND MAY BE SUBJECT TO THE PROVISIONS OF R.C.W. 6.13.010, ET SEQ. (HOMESTEAD STATUTE) IF THE LAND IS OCCUPIED AS A PRIMARY RESIDENCE. IF THE LAND IS OCCUPIED AS A PRIMARY RESIDENCE, R.C.W. 6.13.006 REQUIRES THAT ALL DOCUMENTS CONCERNING OR ENCUMBERING THE LAND MUST BE EXECUTED BY EACH SPOUSE OR DOMESTIC PARTNER, INDIVIDUALLY. ALTERNATIVELY, THE COMPANY WILL ACCEPT A DEED IDENTIFYING THE NON-VESTED SPOUSE OCCUPYING THE PROPERTY AS THE GRANTOR AND THE VESTED SPOUSE AS THE GRANTEE, IN THE EVENT THAT THE COMPANY RECEIVES DOCUMENTS TO INSURE THAT ARE NOT EXECUTED AS REQUIRED, THE COMPANY MAY BE UNABLE TO RECORD OR INSURE THE TRANSACTION. PLEASE CONTACT YOUR TITLE OFFICER IF YOU HAVE ANY QUESTIONS. **(NON SURVEY RELATED ITEM)**

ITEM 13) EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN.

RECORDING INFORMATION: 1295136
IN FAVOR OF: PUGET SOUND POWER AND LIGHT COMPANY, A MASSACHUSETTS CORPORATION
FOR: ELECTRIC TRANSMISSION AND DISTRIBUTION LINE. **(SHOWN HEREON)**

ITEM 14) THE TERMS AND PROVISIONS CONTAINED IN THE DOCUMENT ENTITLED "TITLE NOTIFICATION"
RECORDED: APRIL 31, 1994
RECORDING NO.: 9403231094 **(NON SURVEY RELATED ITEM)**

ITEM 15) EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN.

RECORDED: APRIL 12, 1994
RECORDING INFORMATION: 944120568
IN FAVOR OF: PUGET SOUND ENERGY, INC., A WASHINGTON CORPORATION
FOR: ELECTRIC AND/OR GAS TRANSMISSION AND/OR DISTRIBUTION SYSTEM **(SHOWN HEREON)**

ITEM 16) THERE ARE VARIOUS ONGOING CLOSURES AND INACCESSIBILITY OF CERTAIN RECORDS IN COUNTIES AND MUNICIPALITIES ACROSS THE COUNTRY DUE TO THE COVID-19 EMERGENCY. IF UNABLE TO RECORD DOCUMENTS IN THE PUBLIC RECORDS DUE TO CLOSURE OR INACCESSIBILITY, EXECUTION OF A DECLARATION OF UNDERSTANDING AND INDEMNITY AND HOLD HARMLESS AGREEMENT DUE TO THE COVID-19 EMERGENCY IS REQUIRED BY THE PARTIES (OTHER THAN THE LIENOR) TO THE COMPLETED TRANSACTION. **(NON SURVEY RELATED ITEM)**

PARCEL J

LANON (APN 042020-1052) FIRSTAM ORDER 4269-3458157 APRIL 21, 2020
BEGINNING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN;

THENCE SOUTH 348.83 FEET;
THENCE EAST 300 FEET;
THENCE SOUTH 68.17 FEET;
THENCE WEST 330 FEET TO THE POINT OF BEGINNING;

EXCEPT FREEMAN COUNTY ROAD RUNNING ALONG THE WEST LINE THEREOF ALSO, COMMENCING 15 FEET EAST AND 272.86 FEET SOUTH OF THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN;

THENCE EAST PARALLEL WITH THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION, 330 FEET;
THENCE SOUTH PARALLEL WITH THE CENTER LINE OF FREEMAN COUNTY ROAD 68.17 FEET;
THENCE WEST 142 FEET TO THE TRUE POINT OF BEGINNING;
THENCE NORTH 20 FEET;
THENCE WEST 20 FEET;
THENCE SOUTH 20 FEET;
THENCE EAST 20 FEET TO THE TRUE POINT OF BEGINNING.

SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3458157]
ITEM 1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 2) TAXES OR ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS. **(NON SURVEY RELATED ITEM)**

ITEM 3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 5) DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER FACTS WHICH A CORRECT SURVEY WOULD DISCLOSE, AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SEE SURVEY FOR EXISTING CONDITIONS)**

ITEM 6) (A) UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B) OR (C) ARE SHOWN BY THE PUBLIC RECORDS; (D) INDIAN TRIBAL CODES OR REGULATIONS, INDIAN TREATY OR ABORIGINAL RIGHTS, INCLUDING EASEMENTS OR EQUITABLE SERVITUDES. **(NON SURVEY RELATED ITEM)**

ITEM 7) ANY LIEN, OR RIGHT TO A LIEN, FOR SERVICES, LABOR OR MATERIALS OR MEDICAL ASSISTANCE HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 8) ANY SERVICE, INSTALLATION, CONNECTION, MAINTENANCE, CONSTRUCTION, TAP OR REIMBURSEMENT CHARGES/COSTS FOR SEWER, WATER, GAS, OR ELECTRICITY. **(NON SURVEY RELATED ITEM)**

ITEMS 9-10) TAX RELATED. **(NON SURVEY RELATED)**

ITEM 11) DEED OF TRUST AND THE TERMS AND CONDITIONS THEREOF.

GRANTOR/TRUSTOR: ALISHA LANE AND JEROME LANE, WIFE AND HUSBAND
GRANTEE/BENEFICIARY: MORTGAGE ELECTRONIC REGISTRATION SYSTEMS, INC., "MERS" SOLELY AS A NOMINEE FOR CALBER HOME LOANS, INC., ITS SUCCESSORS AND ASSIGNS
TRUSTEE: FIRST AMERICAN TITLE INSURANCE COMPANY
DATED: DECEMBER 22, 2016
RECORDED: DECEMBER 27, 2016
RECORDING INFORMATION: 201612271077

ITEM 12) EVIDENCE OF THE AUTHORITY OF THE INDIVIDUAL(S) TO EXECUTE THE FORTHCOMING DOCUMENT FOR VECTOR WASHINGTON LLC, COPIES OF THE CURRENT OPERATING AGREEMENT SHOULD BE SUBMITTED PRIOR TO CLOSING. **(NON SURVEY RELATED ITEM)**

ITEM 13) THE TERMS AND PROVISIONS CONTAINED IN THE DOCUMENT ENTITLED "WAIVER OF CLAIM FOR DAMAGES AND CONSENT TO LOCATE ROAD"
RECORDED: APRIL 7, 1911
RECORDING NO.: 337244 **(SEE SURVEY FOR EXISTING CONDITIONS)**

ITEM 14) EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN.

RECORDING INFORMATION: 1295136
IN FAVOR OF: PUGET SOUND POWER & LIGHT COMPANY
FOR: ELECTRIC TRANSMISSION AND/OR DISTRIBUTION SYSTEM **(SHOWN HEREON)**

ITEM 15) THERE ARE VARIOUS ONGOING CLOSURES AND INACCESSIBILITY OF CERTAIN RECORDS IN COUNTIES AND MUNICIPALITIES ACROSS THE COUNTRY DUE TO THE COVID-19 EMERGENCY. IF UNABLE TO RECORD DOCUMENTS IN THE PUBLIC RECORDS DUE TO CLOSURE OR INACCESSIBILITY, EXECUTION OF A DECLARATION OF UNDERSTANDING AND INDEMNITY AND HOLD HARMLESS AGREEMENT DUE TO THE COVID-19 EMERGENCY IS REQUIRED BY THE PARTIES (OTHER THAN THE LIENOR) TO THE COMPLETED TRANSACTION. **(NON SURVEY RELATED ITEM)**

PARCEL K

O'CONNOR (APN 042020-1034) FIRSTAM ORDER 4269-3514609 JUNE 23, 2020,
BEGINNING 15 FEET EAST AND 272.86 FEET SOUTH OF THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE W.M., IN PIERCE COUNTY, WASHINGTON;

THENCE EAST PARALLEL WITH THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN;

THE NORTHEAST QUARTER OF SAID SECTION 20, 330 FEET;
THENCE SOUTH PARALLEL WITH THE CENTER LINE OF FREEMAN COUNTY ROAD, 68.17 FEET;
THENCE WEST 330 FEET TO THE EAST LINE OF SAID ROAD;
THENCE NORTH ALONG SAID EAST LINE 68.17 FEET TO THE POINT OF BEGINNING.

EXCEPT, COMMENCING AT A POINT 142 FEET WEST OF THE SOUTHEAST CORNER OF THE ABOVE DESCRIBED TRACT;
THENCE NORTH 20 FEET;
THENCE WEST 20 FEET; THENCE SOUTH TO SOUTH LINE OF ABOVE DESCRIBED TRACT;
THENCE EAST ALONG SAID SOUTH LINE TO POINT OF BEGINNING.

SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3514609]
ITEM 1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 2) TAXES OR ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS. **(NON SURVEY RELATED ITEM)**

ITEM 3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 5) DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER FACTS WHICH A CORRECT SURVEY WOULD DISCLOSE, AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SEE SURVEY FOR EXISTING CONDITIONS)**

ITEM 6) (A) UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B) OR (C) ARE SHOWN BY THE PUBLIC RECORDS; (D) INDIAN TRIBAL CODES OR REGULATIONS, INDIAN TREATY OR ABORIGINAL RIGHTS, INCLUDING EASEMENTS OR EQUITABLE SERVITUDES. **(NON SURVEY RELATED ITEM)**

ITEM 7) ANY LIEN, OR RIGHT TO A LIEN, FOR SERVICES, LABOR OR MATERIALS OR MEDICAL ASSISTANCE HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 8) ANY SERVICE, INSTALLATION, CONNECTION, MAINTENANCE, CONSTRUCTION, TAP OR REIMBURSEMENT CHARGES/COSTS FOR SEWER, WATER, GAS, OR ELECTRICITY. **(NON SURVEY RELATED ITEM)**

ITEMS 9-10) TAX RELATED. **(NON SURVEY RELATED ITEMS)**

ITEM 11) DEED OF TRUST AND THE TERMS AND CONDITIONS THEREOF.

GRANTOR/TRUSTOR: MICHAEL P. O'CONNOR AND TERESA L.G. O'CONNOR, HUSBAND AND WIFE
GRANTEE/BENEFICIARY: MORTGAGE ELECTRONIC REGISTRATION SYSTEMS, INC., "MERS" SOLELY AS A NOMINEE FOR HOMESTEAD BANK, ITS SUCCESSORS AND ASSIGNS
TRUSTEE: CHICAGO TITLE INSURANCE COMPANY, A MISSOURI CORPORATION
DATED: APRIL 22, 2003
RECORDED: APRIL 28, 2003
RECORDING INFORMATION: 200304280650

ITEM 12) DEED OF TRUST AND THE TERMS AND CONDITIONS THEREOF.

GRANTOR/TRUSTOR: MICHAEL P. O'CONNOR AND TERESA L. O'CONNOR, HUSBAND AND WIFE
GRANTEE/BENEFICIARY: MORTGAGE ELECTRONIC REGISTRATION SYSTEMS, INC., "MERS" SOLELY AS A NOMINEE FOR HOMESTEAD BANK, ITS SUCCESSORS AND ASSIGNS
TRUSTEE: FIRST AMERICAN TITLE
DATED: DECEMBER 14, 2007
RECORDED: JANUARY 03, 2008
RECORDING INFORMATION: 200801030037
NOTE: THIS DEED OF TRUST CONTAINS LINE OF CREDIT PRIVILEGES. IF THE CURRENT BALANCE OWING ON SAID OBLIGATION IS TO BE PAID IN FULL IN THE FORTHCOMING TRANSACTION, CONFIRMATION SHOULD BE MADE THAT THE BENEFICIARY WILL ISSUE A PROPER REQUEST FOR FULL RECONVANCE.

ITEM 13) FEDERAL TAX LIEN:

TAXPAYER: MICHAEL O'CONNOR
CERTIFICATE NO.: 35897919
RECORDED: MAY 20, 2019
RECORDING INFORMATION: 201905200742 **(NON SURVEY RELATED ITEM)**

ITEM 14) THE EFFECT OF THE MATTER(S) SHOWN IN PARAGRAPH(S) 13 HEREIN DEPENDS UPON THE IDENTITY OF THE DEBTOR/TAXPAYER WITH THE NAME(S) OF MICHAEL P. O'CONNOR. THE IDENTIFIED IDENTITY AFFIDAVIT SHOULD BE COMPLETED AND RETURNED TO THIS OFFICE TO HELP DETERMINE THE CLOSED STATUS OF SAID PARTY(S) PRIOR TO CLOSING. **(NON SURVEY RELATED ITEM)**

ITEM 15) EVIDENCE OF THE AUTHORITY OF THE INDIVIDUAL(S) TO EXECUTE THE FORTHCOMING DOCUMENT FOR VECTOR WASHINGTON LLC, A WASHINGTON LIMITED LIABILITY COMPANY, COPIES OF THE CURRENT OPERATING AGREEMENT SHOULD BE SUBMITTED PRIOR TO CLOSING. **(NON SURVEY RELATED ITEM)**

ITEM 16) MATTERS OF EXTENDED OWNER/PURCHASER COVERAGE WHICH ARE DEPENDENT UPON AN INSPECTION AND AN ALTA SURVEY OF THE PROPERTY FOR DETERMINATION OF INSURABILITY, PLEASE SUBMIT A COPY OF THE ALTA SURVEY AT YOUR EARLIEST CONVENIENCE FOR REVIEW. OUR INSPECTION WILL BE HELD PENDING OUR REVIEW OF THE ALTA SURVEY AND THE RESULT OF SAID INSPECTION WILL BE FURNISHED BY SUPPLEMENTAL REPORT. **(NON SURVEY RELATED ITEM)**

ITEM 17) EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN.

RECORDING INFORMATION: 1295136
IN FAVOR OF: PUGET SOUND ENERGY, INC., A WASHINGTON CORPORATION
FOR: ELECTRIC AND/OR GAS TRANSMISSION AND/OR DISTRIBUTION SYSTEM **(SHOWN HEREON)**

ITEM 18) RIGHT OF WAY, INCLUDING TERMS AND CONDITIONS CONTAINED THEREIN.
GRANTED TO: MICHAEL AND TERESA O'CONNOR
FOR: INSTALLATION OF A DRIVEWAY
RECORDED: OCTOBER 18, 2012
RECORDING INFORMATION: 201210180342 **(SHOWN HEREON)**

ITEM 19) CONDITIONS, NOTES, EASEMENTS, PROVISIONS AND/OR ENCROACHMENTS CONTAINED OR DELINEATED ON THE FACE OF THE SURVEY RECORDED UNDER RECORDING NO. 201311260507. **(SEE SURVEY FOR EXISTING CONDITIONS)**

PARCEL L

ANON (APN 042020-1034) FIRSTAM ORDER 4269-3644487 DECEMBER 17, 2020,
BEGINNING AT THE NORTHWEST CORNER OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF W.M.;

THENCE EAST 343 FEET TO THE POINT OF BEGINNING;
THENCE SOUTH 408.4 FEET MORE OR LESS;
THENCE EAST 110.6 FEET;
THENCE NORTH 408.4 FEET MORE OR LESS TO THE NORTH LINE OF SAID SUBDIVISION;
THENCE WEST 110.6 FEET TO THE POINT OF BEGINNING.

EXCEPT ROADS SUBJECT TO EASEMENT.

SPECIAL EXCEPTIONS: [FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. 4269-3644487]
ITEM 1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 2) TAXES OR ASSESSMENTS WHICH ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LEVIES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS. **(NON SURVEY RELATED ITEM)**

ITEM 3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 5) DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER FACTS WHICH A CORRECT SURVEY WOULD DISCLOSE, AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SEE SURVEY FOR EXISTING CONDITIONS)**

ITEM 6) (A) UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B) OR (C) ARE SHOWN BY THE PUBLIC RECORDS; (D) INDIAN TRIBAL CODES OR REGULATIONS, INDIAN TREATY OR ABORIGINAL RIGHTS, INCLUDING EASEMENTS OR EQUITABLE SERVITUDES. **(NON SURVEY RELATED ITEM)**

ITEM 7) ANY LIEN, OR RIGHT TO A LIEN, FOR SERVICES, LABOR OR MATERIALS OR MEDICAL ASSISTANCE HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 8) ANY SERVICE, INSTALLATION, CONNECTION, MAINTENANCE, CONSTRUCTION, TAP OR REIMBURSEMENT CHARGES/COSTS FOR SEWER, WATER, GAS, OR ELECTRICITY. **(NON SURVEY RELATED ITEM)**

ITEM 9) TAX RELATED. **(NON SURVEY RELATED ITEM)**

ITEM 10) THE LEGAL DESCRIPTION FOR SAID PREMISES IS DERIVED FROM A LACK OF PROBATE AFFIDAVIT RECORDED UNDER RECORDING NUMBER 201602020033. SAID DESCRIPTION IS IMPRECISE, FOR THROUGH IT HAS A 408.4-FOOT SOUTHERLY CALL, THE TEXT MORE OR LESS IS ADDED TO IT WITHOUT FINDING IT TO ANYTHING SPECIFIC, THIS, THE TERM MORE OR LESS NULLIFIES THE DISTANCE CALL AND RENDERS US INCAPABLE OF PRECISELY IDENTIFYING THE SOUTHERLY BOUNDARY OF SAID PREMISES. THE COMPANY, THEREFORE, DOES NOT INSURE AGAINST ANY CLAIMS RELATING TO SAID SOUTHERLY BOUNDARY. MORTGAGE SAID DESCRIPTION INCLUDES ROADS, BUT NO ROADS APPEAR TO BE INCLUDED IN SAID DESCRIPTION. WE RESERVE OPINION PENDING SUBMISSION OF PERTINENT FACTS. **(TITLE COMPANY CONCERN)**

ITEM 11) EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN.

RECORDING INFORMATION: 1295136
IN FAVOR OF: PUGET SOUND POWER & LIGHT COMPANY
FOR: ELECTRIC TRANSMISSION AND DISTRIBUTION LINE. **(SHOWN HEREON)**

ITEM 12) MATTERS OF EXTENDED OWNER/PURCHASER COVERAGE WHICH ARE DEPENDENT UPON AN INSPECTION AND AN ALTA SURVEY OF THE PROPERTY FOR DETERMINATION OF INSURABILITY, PLEASE SUBMIT A COPY OF THE ALTA SURVEY AT YOUR EARLIEST CONVENIENCE FOR REVIEW. OUR INSPECTION WILL BE HELD PENDING OUR REVIEW OF THE ALTA SURVEY AND THE RESULT OF SAID INSPECTION WILL BE FURNISHED BY SUPPLEMENTAL REPORT. **(SEE SURVEY FOR EXISTING CONDITIONS)**

PARCEL M: (APN 0420201036)

BEGINNING AT THE NORTHWEST CORNER OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 20 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN;

THENCE SOUTH 297.5 FEET;
THENCE EAST 294 FEET;
THENCE NORTH 297.5 FEET;
THENCE WEST 294 FEET TO THE POINT OF BEGINNING;

EXCEPT THE WEST 15 FEET THEREOF FOR COUNTY ROAD;

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

PARCEL N: (APN 0420205004)

LOT 2, PIERCE COUNTY SHORT PLAT NUMBER 8009260306, ACCORDING TO THE PLAT THEREOF RECORDED SEPTEMBER 26, 1980 WHICH IS A RE-RECORD OF PIERCE COUNTY SHORT PLAT NUMBER 79-171, ACCORDING TO THE PLAT THEREOF RECORDED JUNE 5, 1976, RECORDS OF THE PIERCE COUNTY ALDOR.

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

SPECIAL EXCEPTIONS:

ITEM 1) ANY DEFECT, LIEN, ENCUMBRANCE, ADVERSE CLAIM, OR OTHER MATTER THAT APPEARS FOR THE FIRST TIME IN THE PUBLIC RECORDS OR IS CREATED, ATTACHES, OR IS DISCLOSED BETWEEN THE COMMITMENT DATE AND THE DATE ON WHICH ALL OF THE SCHEDULE B, PART I-REQUIREMENTS ARE MET. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 2) TAXES OR ASSESSMENTS **(NON SURVEY RELATED ITEMS)**

ITEM 3) ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS BUT WHICH COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR BY MAKING INQUIRY OF PERSONS IN POSSESSION THEREOF. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 4) EASEMENTS, CLAIMS OF EASEMENT OR ENCUMBRANCES WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SURVEYOR IS NOT AWARE OF ANY)**

ITEM 5) DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER FACTS WHICH A CORRECT SURVEY WOULD DISCLOSE, AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS. **(SEE SURVEY FOR EXISTING CONDITIONS)**

ITEM 6) REFERS TO MINING CLAIMS. **(NON SURVEY RELATED ITEM)**

ITEM 7) ANY LIEN, OR RIGHT TO A LIEN, FOR SERVICES, LABOR OR MATERIALS OR MEDICAL ASSISTANCE HERETOFORE OR HEREAFTER FURNISHED, IMPOSED BY LAW AND NOT SHOWN BY THE PUBLIC RECORDS. **(NON SURVEY RELATED ITEM)**

ITEM 8) ANY SERVICE, INSTALLATION, CONNECTION, MAINTENANCE, CONSTRUCTION, TAP OR REIMBURSEMENT CHARGES/COSTS FOR SEWER, WATER, GAS, OR ELECTRICITY. **(NON SURVEY RELATED ITEM)**

ITEMS 9-13) ITEMS REGARDING TAXES AND/OR FISCAL RESPONSIBILITY. **(NON SURVEY RELATED ITEMS)**

ITEM 14) THE LAND DESCRIBED IN THIS COMMITMENT APPEARS TO BE RESIDENTIAL IN NATURE AND MAY BE SUBJECT TO THE PROVISIONS OF R.C.W. 6.13.010, ET SEQ. (HOMESTEAD STATUTE) IF THE LAND IS OCCUPIED AS A PRIMARY RESIDENCE. IF THE LAND IS OCCUPIED AS A PRIMARY RESIDENCE, R.C.W. 6.13.006 REQUIRES THAT ALL DOCUMENTS CONCERNING OR ENCUMBERING THE LAND MUST BE EXECUTED BY EACH SPOUSE OR DOMESTIC PARTNER, INDIVIDUALLY. ALTERNATIVELY, THE COMPANY WILL ACCEPT A DEED IDENTIFYING THE NON-VESTED SPOUSE OCCUPYING THE PROPERTY AS THE GRANTOR AND THE VESTED SPOUSE AS THE GRANTEE, IN THE EVENT THAT THE COMPANY RECEIVES DOCUMENTS TO INSURE THAT ARE NOT EXECUTED AS REQUIRED, THE COMPANY MAY BE UNABLE TO RECORD OR INSURE THE TRANSACTION. PLEASE CONTACT YOUR TITLE OFFICER IF YOU HAVE ANY QUESTIONS. **(NON SURVEY RELATED ITEM)**

ITEM 15) ACCORDING TO THE APPLICATION FOR TITLE INSURANCE, TITLE IS TO VEST IN TYLER LITZBENDER. IF SAID PARTY(ES) IS/ARE MARRIED AND WE ARE TO INSURE TITLE AS SUCH FREE OF ANY INTEREST OF THE SPOUSE(S), WE WILL REQUIRE A DEED OF CONVEYANCE FROM THE NON-PARTICIPATING SPOUSE(S). **(NON SURVEY RELATED ITEM)**

ITEM 16) WAIVER AND RELINQUISHMENT OF ALL CLAIMS FOR DAMAGE ARISING FROM THE ESTABLISHMENT OF A PUBLIC ROAD AS SET FORTH BY INSTRUMENT RECORDED UNDER RECORDING NUMBER 337244. **(NON SURVEY RELATED ITEM)**

ITEM 17) CONDITIONS, NOTES, EASEMENTS, PROVISIONS, ENCROACHMENTS AND/OR OTHER MATTERS CONTAINED AND/OR DELINEATED ON THE FACE OF THE SURVEY NO. 3204, RECORDED IN VOLUME 33 OF SURVEYS, AT PAGE(S) 4, IN PIERCE COUNTY, WASHINGTON.

(EXISTING CONDITIONS SHOWN HEREON)

ITEM 18) ANY AND ALL OFFERS OF DEDICATION, DONATIONS, RESTRICTIONS, EASEMENTS, BOUNDARY DISCREPANCIES OR ENCROACHMENTS, NOTES, PROVISIONS AND/OR OTHER MATTERS SHOWN OR DISCLOSED BY PIERCE COUNTY SHORT PLAT RECORDED UNDER RECORDING NUMBER 8009260306 WHICH IS A RE-RECORD OF SHORT PLAT NO. 79-171.

AFFECTS: PARCELS 8 **(EXISTING CONDITIONS SHOWN HEREON, NO EASEMENTS LISTED THEREFORE NON SHOWN)**

ITEM 19) MEMORANDUM OF AGREEMENT AND THE TERMS AND CONDITIONS THEREOF.

BETWEEN: JOYCE D. ASBJORNSEN
AND: PIERCE COUNTY
RECORDING INFORMATION: 9402180982

AFFECTS: PARCELS 8 **(NON SURVEY RELATED ITEM)**

ITEM 20) EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN.

RECORDING INFORMATION: 404188
IN FAVOR OF: PIERCE COUNTY
FOR: POWER CONTROL

AFFECTS: SAID PREMISES **(DOES NOT EFFECT SUBJECT PROPERTIES)**

ITEM 21) EASEMENT, INCLUDING TERMS AND PROVISIONS CONTAINED THEREIN.

RECORDING INFORMATION: 1306989
IN FAVOR OF: PIERCE COUNTY
FOR: RIGHT OF WAY

AFFECTS: A PORTION OF SAID PREMISES AND OTHER PROPERTY **(DOES NOT EFFECT SUBJECT PROPERTIES)**

ITEM 22) RIGHT TO MAKE NECESSARY SLOPES FOR CUTS OR FILLS UPON SAID PREMISES, AS GRANTED BY DEED.

RECORDING INFORMATION: 1417699
GRANTED TO: PIERCE COUNTY **(DOES NOT EFFECT SUBJECT PROPERTIES)**

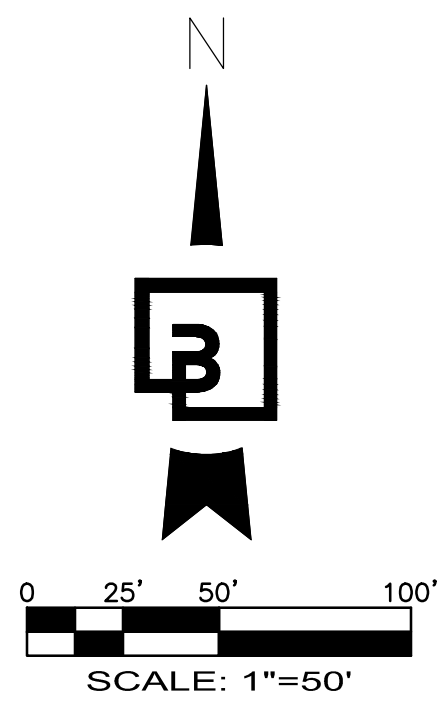
ITEM 23

EXISTING CONDITIONS

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON

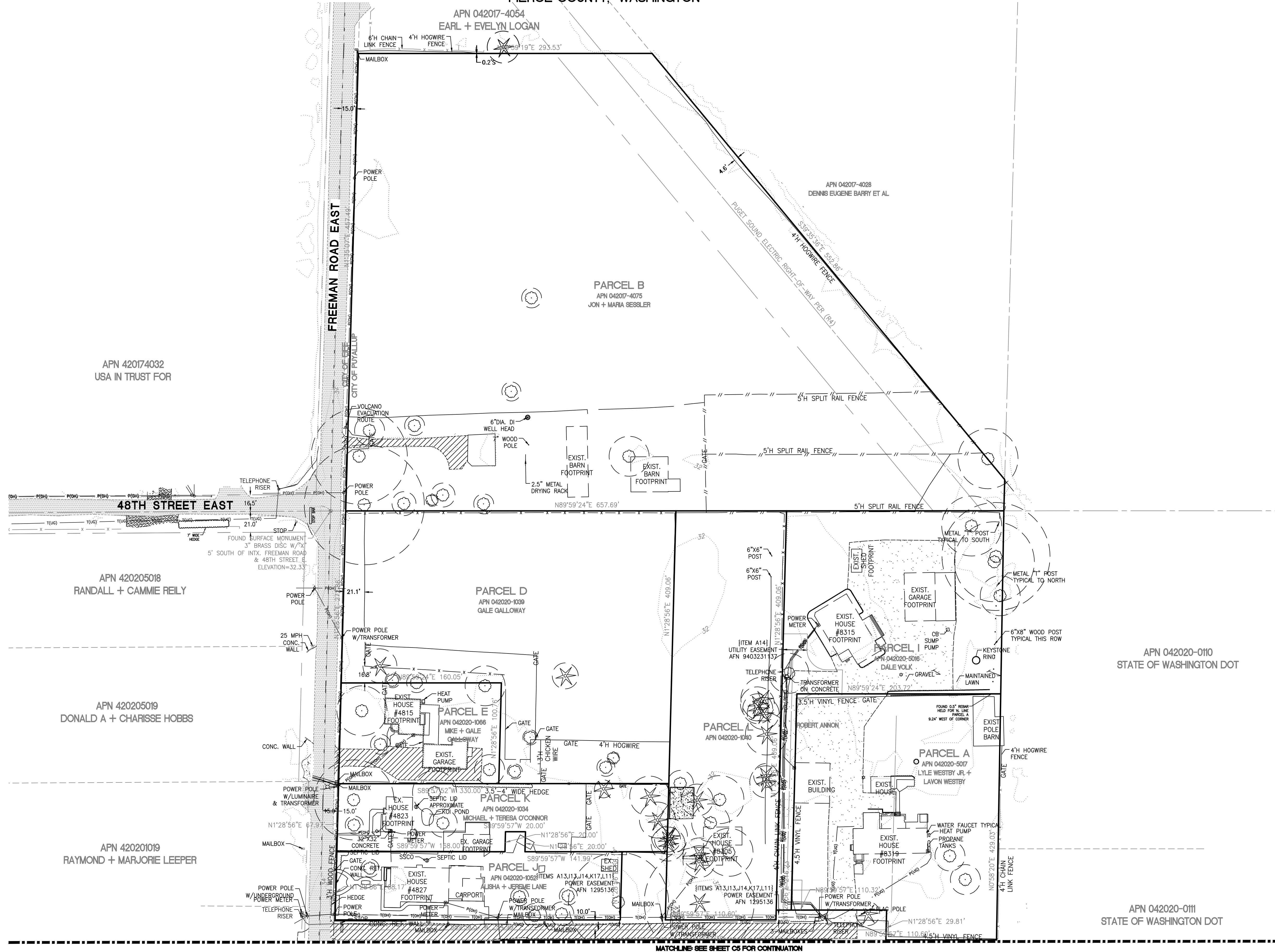


LEGEND

(NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)

- SURVEY MONUMENT (AS NOTED)
- SECTION CORNER (AS NOTED)
- SET REBAR/CAP (LS#45789 OR #41282)
- FOUND REBAR/CAP (AS NOTED)
- SET 2"x2" HUB/TACK LINE STAKE
- MAG/WASHER OR LEAD/TACK (AS NOTED)
- LUMINAIRE (LUM.)
- YARD LIGHT
- ORNAMENTAL LIGHT
- POWER METER (PM)
- POWER POLE (PP)
- JUNCTION BOX (AS NOTED)
- TELEPHONE MANHOLE (TM)
- TELEPHONE RISER (TR)
- CATCH BASIN (CB)
- STORM MANHOLE (SDMH)
- SANITARY SEWER MANHOLE (SSMH)
- GAS METER (GM)
- GAS VALVE (GV)
- WATER VALVE (WV)
- FAUCET
- FIRE HYDRANT (FH)
- WATER MANHOLE
- WATER METER (WM)
- WELL
- SIGN
- IRRIGATION VALVE (IV)
- DIRECTIONAL ARROW
- MAILBOX (MB)
- CHAIN LINK FENCE
- WOOD FENCE
- HOGWIRE FENCE
- VINYL FENCE
- WATER LINE
- GAS LINE
- TELEPHONE LINE (OH) OR (UG)
- POWER LINE (OH) OR (UG)
- STORM LINE
- SEWER LINE
- ROCKERY
- KEYSTONE WALL
- DECIDUOUS TREE
- CONIFEROUS TREE
- TREE DRILINE
- CONCRETE
- GRAVEL/SAND (AS NOTED)
- ASPHALT
- BUILDING LINE
- ROCK
- MATCH LINE

- ABBREVIATIONS**
- (RF) REFERENCE SURVEYS
 - (OH) OVERHEAD
 - (UG) UNDERGROUND
 - (TYP) TYPICAL
 - (C) CALCULATED
 - (M) MEASURED
 - (GIS) GEOGRAPHICAL INFORMATION SYSTEMS
 - (REF) PER REFERENCE INFORMATION
 - (H) HIGH
 - (V) IRRIGATION VALVE



No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL
5	12/13/24					

Title: **EXISTING CONDITIONS**
FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

Scale:

Horizontal	1"=50'
Vertical	N/A

Designed: **JSM**
Drawn: **DTC**
Checked: **JSM**
Approved: **JSM**
Date: 12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

Job Number: **21585**
Sheet: **C4** of **44**

APPROVED

BY: _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE: _____

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

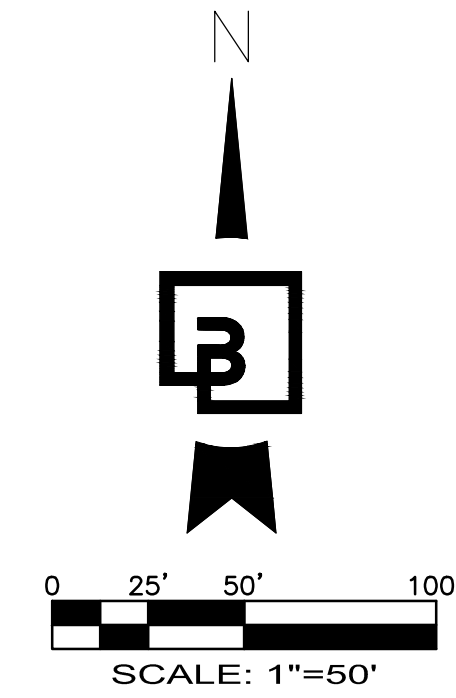
EXISTING CONDITIONS

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON

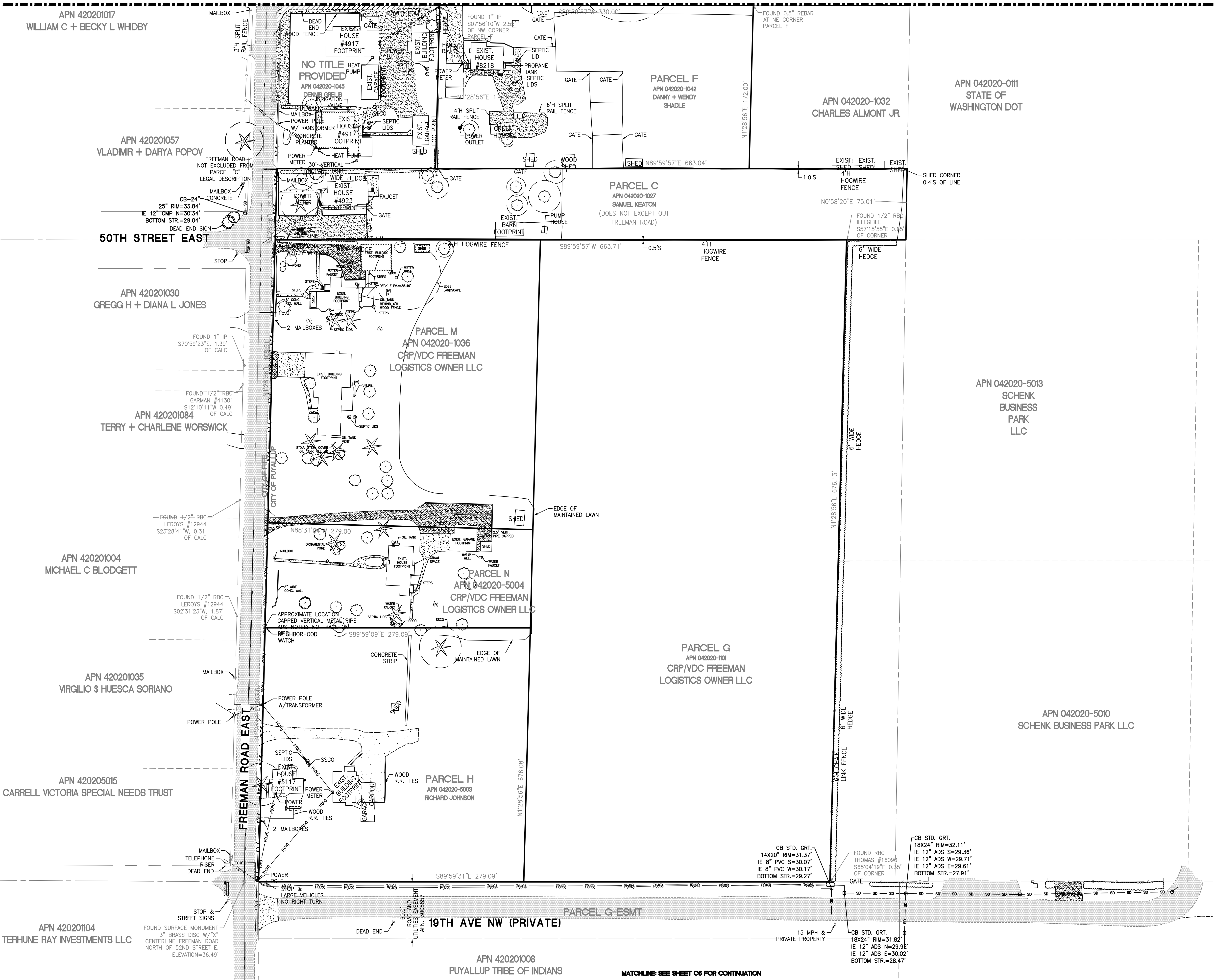
MATCHLINES SEE SHEET C4 FOR CONTINUATION



LEGEND
(NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)

- SURVEY MONUMENT (AS NOTED)
- SECTION CORNER (AS NOTED)
- SET REBAR/CAP (LS#45789 OR #41282)
- FOUND REBAR/CAP (AS NOTED)
- SET 2"x2" HUB/TACK LINE STAKE
- MAG/WASHER OR LEAD/TACK (AS NOTED)
- LUMINAIRE (LUM.)
- YARD LIGHT
- ORNAMENTAL LIGHT
- POWER METER (PM)
- POWER POLE (PP)
- JUNCTION BOX (AS NOTED)
- TELEPHONE MANHOLE (TM)
- TELEPHONE RISER (TR)
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- STORM MANHOLE (SDMH)
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- FAUCET
- FIRE HYDRANT (FH)
- WATER MANHOLE
- WATER METER (WM)
- WELL
- SIGN
- IRRIGATION VALVE (IV)
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- CHAIN LINK FENCE
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- HOGWIRE FENCE
- VINYL FENCE
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- CONIFEROUS TREE
- TREE DRILINE
- CONCRETE
- GRAVEL/SAND (AS NOTED)
- ASPHALT
- BUILDING LINE
- ROCK
- MATCH LINE

- ABBREVIATIONS**
- (R#) REFERENCE SURVEYS
 - (OH) OVERHEAD
 - (UG) UNDERGROUND
 - (TYP) TYPICAL
 - (C) CALCULATED
 - (M) MEASURED
 - (GIS) GEOGRAPHICAL INFORMATION SYSTEMS
 - (REF) PER REFERENCE INFORMATION
 - (H) HIGH
 - (V) IRRIGATION VALVE



Revision
5 12/13/24 JSM SEPA RESUBMITAL
Date By Ckd. Appr.
No. 5 12/13/24 JSM JSM

Title:
EXISTING CONDITIONS FOR FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

Scale:
Horizontal 1"=50'
Vertical N/A

Designed _JSM_ Drawn _DTC_ Checked _JSM_ Approved _JSM_ Date 12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222 barghausen.com

Job Number: **21585**
Sheet: **C5** of **44**

APPROVED

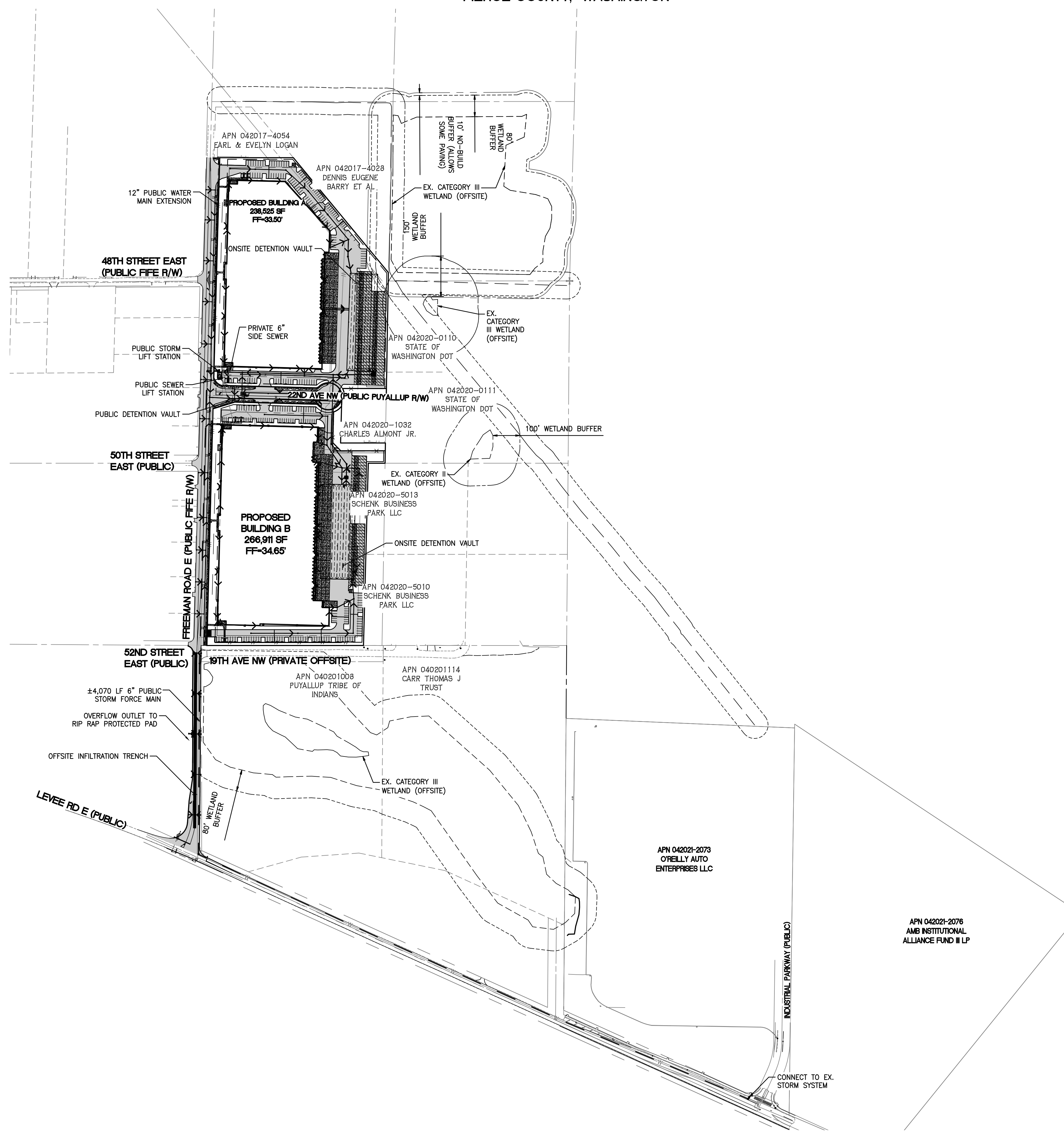
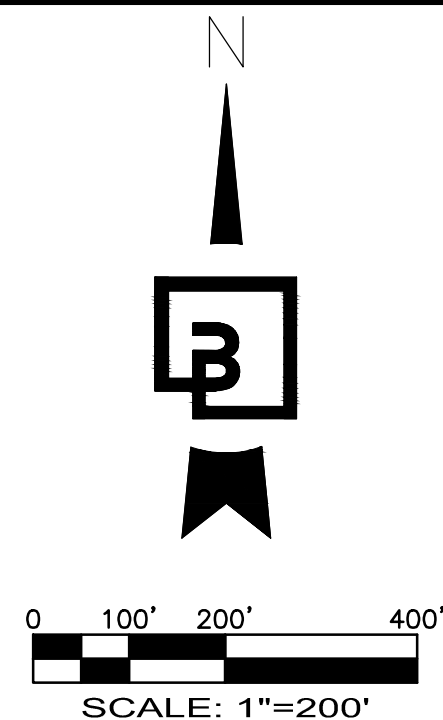
BY: _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE: _____

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

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PRELIMINARY STORM DRAINAGE OVERALL PLAN
 OF
FREEMAN LOGISTICS
 PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
 AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
 PIERCE COUNTY, WASHINGTON



No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL	Revision
5	12/13/24						

Title:
PRELIMINARY STORM DRAINAGE OVERALL PLAN
 FOR
FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
 11411 NE 124TH STREET
 SUITE 190
 KIRKLAND, WA 98034



Designed	Drawn	Checked	Approved	Date
—JSM	—DTC	—JSM	—JSM	12/20/24

Barghausen Consulting Engineers, LLC.
 18215 72nd Avenue South
 Kent, WA 98032
 425.251.6222 barghausen.com

APPROVED

BY _____
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING

DATE _____

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

Job Number
21585

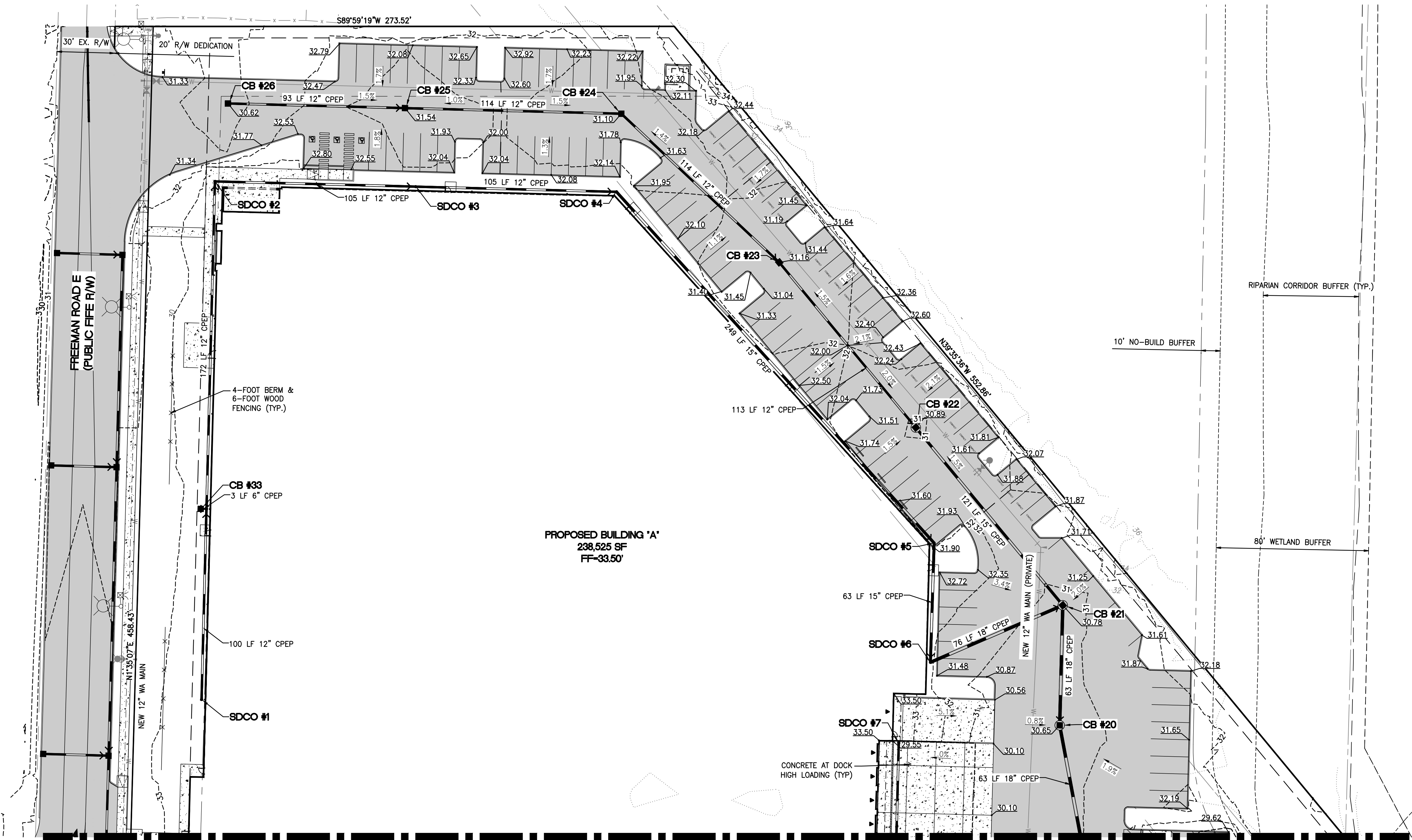
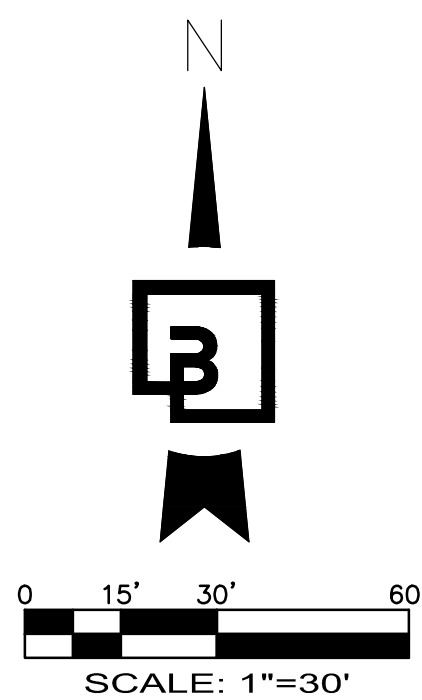
Sheet
C7 of **44**

PRELIMINARY GRADING AND DRAINAGE PLAN

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



MATCHLINE- SEE SHEET C9 FOR CONTINUATION

CATCH BASINS	
CB #20, TYPE 2-48" W/STANDARD GRATE	RIM=30.65 IE=24.03 (18" N) IE=24.03 (18" S)
CB #21, TYPE 2-48" W/STANDARD GRATE	RIM=30.78 IE=24.78 (15" NW) IE=24.53 (18" SW) IE=24.53 (18" S)
CB #22, TYPE 2-48" W/STANDARD GRATE	RIM=30.89 IE=25.74 (12" NW) IE=25.49 (15" SE)
CB #23, TYPE 1, W/STANDARD GRATE	RIM=31.16 IE=26.38 (12" NW) IE=26.38 (12" SE)
CB #24, TYPE 1, W/STANDARD GRATE	RIM=31.10 IE=26.95 (12" W) IE=26.95 (12" SE)
CB #25, TYPE 1, W/STANDARD GRATE	RIM=31.54 IE=27.52 (12" W) IE=27.52 (12" E)
CB #26, TYPE 1, W/STANDARD GRATE	RIM=30.62 IE=27.98 (12" E)
CB #33, TYPE 1, W/STANDARD GRATE	RIM=33.33 IE=30.90 (6" E)
SDCO #1, 8" SDCO	RIM=33.46 IE=31.00 (12" N)
SDCO #2, 8" SDCO	RIM=33.22 IE=28.98 (12" S) IE=28.98 (12" E)
SDCO #3, 8" SDCO	RIM=32.21 IE=28.19 (12" W) IE=28.19 (12" E)
SDCO #4, 8" SDCO	RIM=32.61 IE=27.41 (12" W) IE=27.16 (15" SE)
SDCO #5, 8" SDCO	RIM=31.89 IE=25.56 (15" NW) IE=25.56 (15" S)
SDCO #6, 8" SDCO	RIM=32.28 IE=25.09 (15" N) IE=24.84 (18" NE)
SDCO #7, 8" SDCO	RIM=29.58 IE=27.20 (12" S)
SDCO #37, 8" SDCO	RIM=33.43 IE=30.26 (12" S) IE=30.76 (6" W) IE=30.26 (12" N)

Revision	By	Date	Appr.
5	JSM	12/13/24	JSM
4	JSM		JSM
3	JSM		JSM
2	JSM		JSM
1	JSM		JSM

PRELIMINARY GRADING AND DRAINAGE PLAN
FOR
FREEMAN LOGISTICS

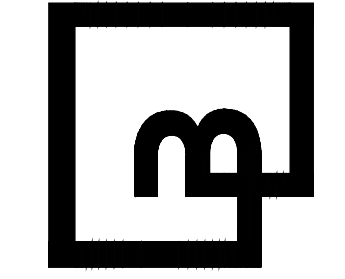
For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:	Horizontal	Vertical
	1"=30'	N/A

Designed	Drawn	Checked	Approved	Date
JSM	JSM	JSM	JSM	12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com



Job Number
21585
Sheet
C8 of **44**

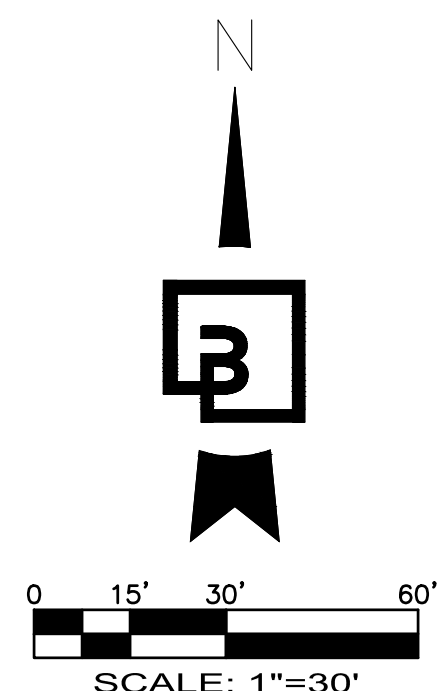
APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

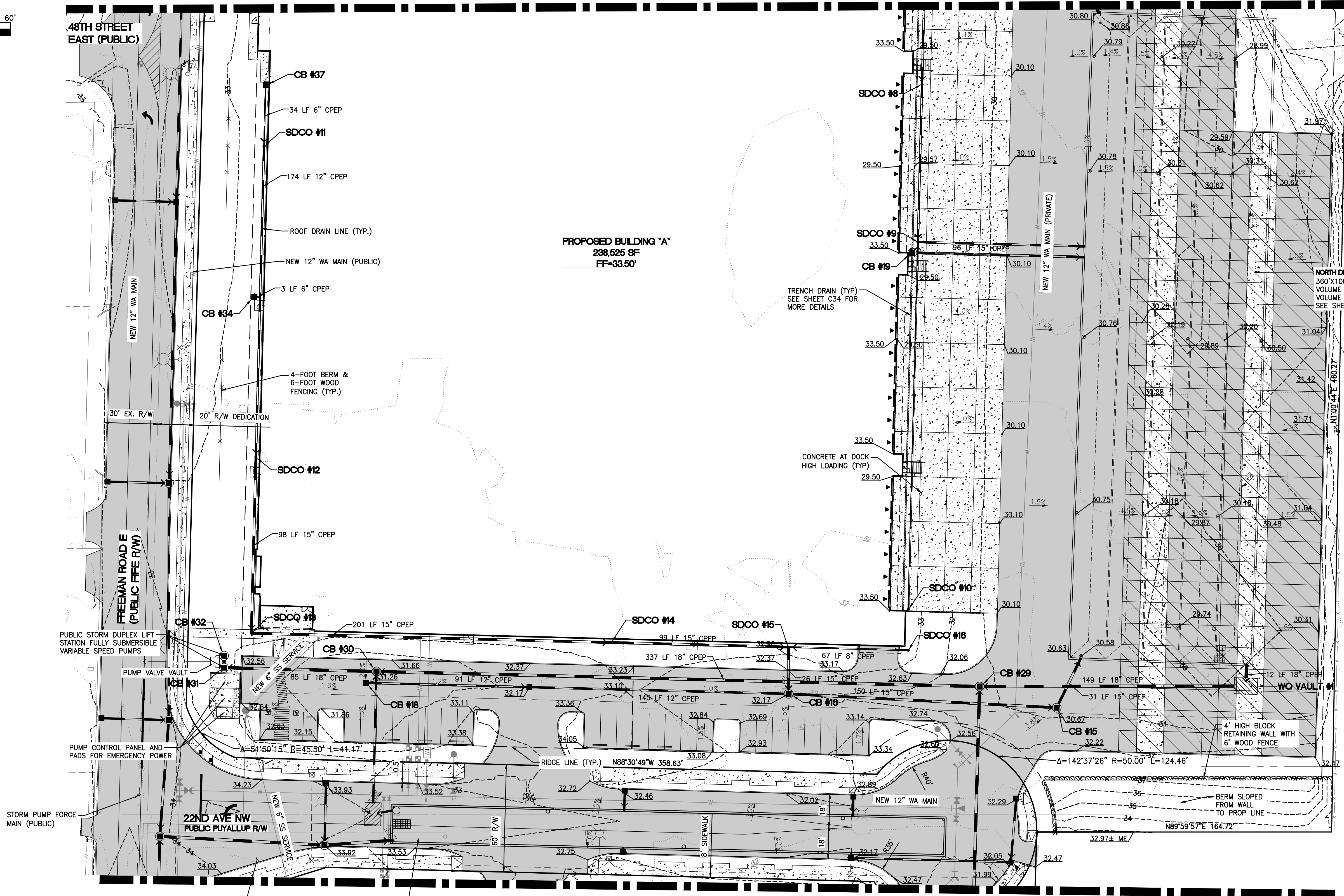
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

PRELIMINARY GRADING AND DRAINAGE PLAN
OF
FREEMAN LOGISTICS
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



MATCHLINE- SEE SHEET C8 FOR CONTINUATION

CATCH BASINS	
CB #15, TYPE 2-48" W/STANDARD GRATE RIM=30.67 IE=24.96 (15" W) IE=24.96 (15" NE)	
CB #16, TYPE 2-48" W/STANDARD GRATE RIM=32.17 IE=27.22 (12" W) IE=26.97 (15" N) IE=26.97 (15" E)	
CB #17, TYPE 1, W/STANDARD GRATE RIM=32.17 IE=27.94 (12" W) IE=27.94 (12" E)	
CB #18, TYPE 1, W/STANDARD GRATE RIM=31.26 IE=28.40 (12" E)	
CB #19, TYPE 2-48" W/STANDARD GRATE RIM=29.52 IE=24.00 (15" E)	
CB #29, TYPE 2-48" W/SOLID LOCKING LID RIM=31.21 IE=17.18 (18" S) IE=17.18 (18" E) IE=17.18 (18" W)	
CB #30, TYPE 2-48" W/STANDARD GRATE RIM=31.45 IE=14.88 (18" E) IE=15.38 (12" S) IE=14.88 (18" W)	
CB #31, TYPE 2-54" W/SOLID LOCKING LID RIM=33.15 IE=14.30 (18" E) IE=14.30 (18" N)	
CB #32, TYPE 2-54" W/SOLID LOCKING LID RIM=33.15 IE=14.30 (18" S)	
CB #34, TYPE 1, W/STANDARD GRATE RIM=33.41 IE=31.33 (6" E)	
CB #37, TYPE 1, W/STANDARD GRATE RIM=33.46 IE=31.75 (6" S)	
SDCO #8, 8" SDCO RIM=29.57 IE=26.46 (12" N) IE=26.46 (12" S)	
SDCO #9, 8" SDCO RIM=29.57 IE=26.08 (8" S) IE=25.75 (12" N) IE=25.75 (12" E)	
SDCO #10, 8" SDCO RIM=29.59 IE=27.20 (8" N)	
SDCO #11, 8" SDCO RIM=33.41 IE=31.50 (6" N) IE=31.00 (12" S)	
SDCO #12, 8" SDCO RIM=33.48 IE=30.00 (12" N) IE=29.75 (15" S)	
SDCO #13, 8" SDCO RIM=33.26 IE=29.17 (15" N) IE=29.17 (15" E)	
SDCO #14, 8" SDCO RIM=33.36 IE=27.98 (15" W) IE=27.98 (15" E)	
SDCO #15, 8" SDCO RIM=33.33 IE=27.39 (15" W) IE=27.97 (8" E) IE=27.39 (15" S)	
SDCO #16, 8" SDCO RIM=33.33 IE=29.00 (8" W)	
WQ VAULT #1, 6'X12' VAULT RIM=30.19 IE=20.29 (18" N) IE=18.12 (18" W)	



MATCHLINE- SEE SHEET C10 FOR CONTINUATION

Revision
5 11/2/13/24
DTC JSM JSM SEPA RESUBMITTAL
No. Date By Ckd. Appr.

Title:
PRELIMINARY GRADING AND DRAINAGE PLAN
FOR
FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

12/20/24

Scale:
Horizontal 1"=30'
Vertical N/A

Designed JSM
Drawn DTC
Checked JSM
Approved JSM
Date 12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

Job Number
21585

Sheet
C9 of **44**

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

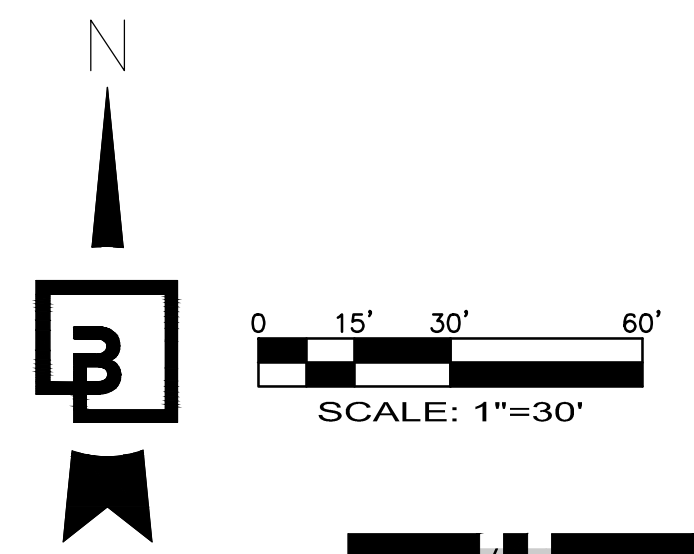
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

PRELIMINARY GRADING AND DRAINAGE PLAN

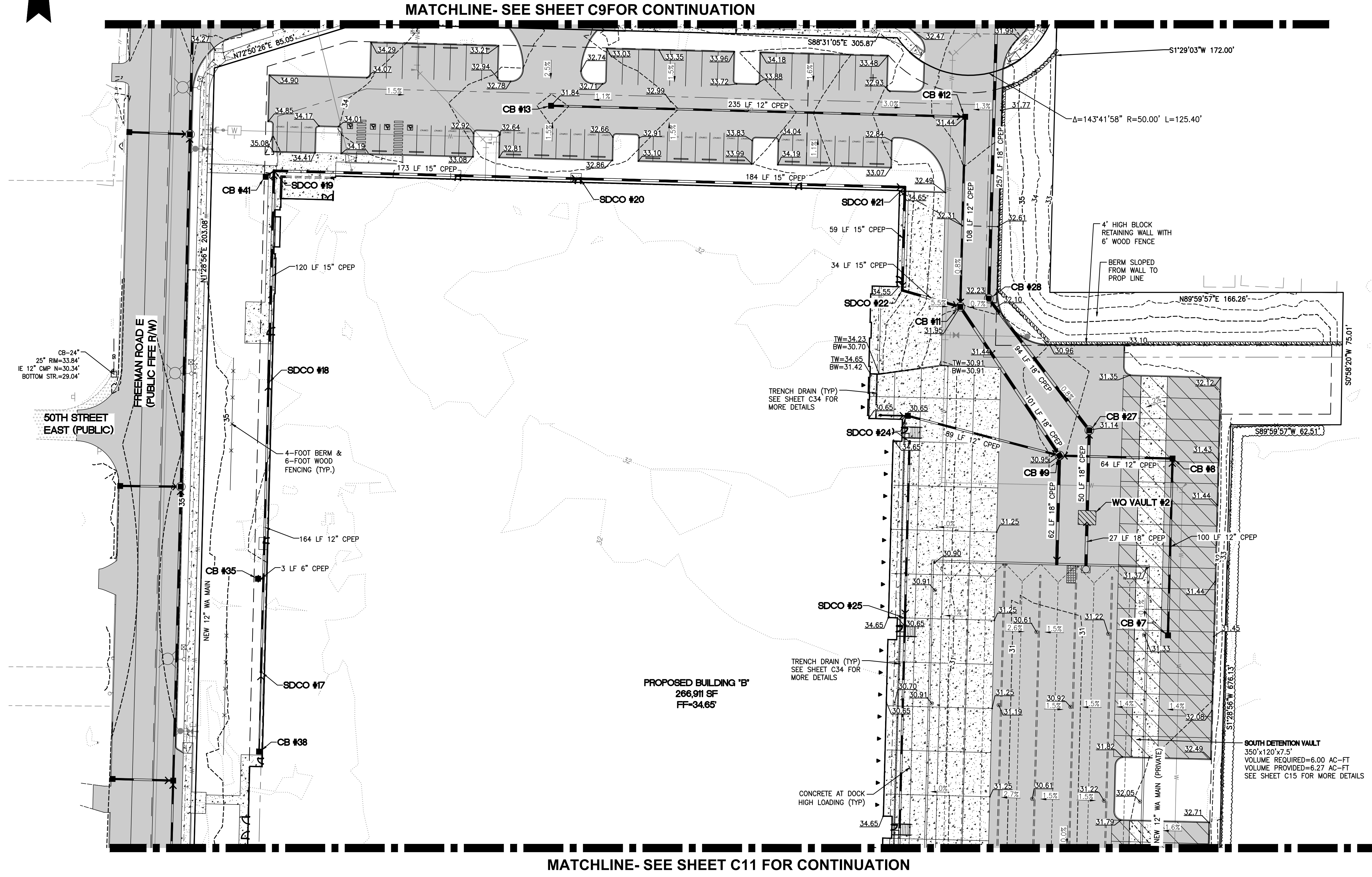
OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



CATCH BASINS	
CB #7, TYPE 1, W/STANDARD GRATE RIM=31.06 IE=27.60 (12" N)	
CB #8, TYPE 1, W/STANDARD GRATE RIM=31.04 IE=26.85 (12" S) IE=26.85 (12" W)	
CB #9, TYPE 2-54" W/STANDARD GRATE RIM=30.95 IE=25.37 (18" NW) IE=25.98 (12" W) IE=26.06 (12" E) IE=25.37 (18" S)	
CB #10, TYPE 1, W/STANDARD GRATE RIM=30.69 IE=27.98 (6" W) IE=27.65 (12" E)	
CB #11, TYPE 2-48" W/STANDARD GRATE RIM=31.95 IE=26.48 (12" N) IE=26.23 (15" W) IE=25.98 (18" SE)	
CB #12, TYPE 1, W/STANDARD GRATE RIM=31.44 IE=27.04 (12" W) IE=27.04 (12" S)	
CB #13, TYPE 1, W/STANDARD GRATE RIM=31.84 IE=28.26 (12" E)	
CB #27, TYPE 2-48" W/SOLID LOCKING LID RIM=31.14 IE=18.65 (18" S) IE=18.65 (18" NW)	
CB #28, TYPE 2-48" W/SOLID LOCKING LID RIM=32.23 IE=18.26 (18" SE) IE=18.26 (18" N)	
CB #35, TYPE 1, W/STANDARD GRATE RIM=34.73 IE=31.33 (6" E)	
CB #38, TYPE 1, W/STANDARD GRATE RIM=34.53 IE=32.33 (6" N)	
CB #41, TYPE 1, W/STANDARD GRATE RIM=34.38 IE=31.00 (6" NE)	
SDCO #17, 8" SDCO RIM=34.61 IE=32.05 (6" S) IE=31.55 (12" N)	
SDCO #18, 8" SDCO RIM=34.47 IE=30.73 (12" S) IE=30.48 (15" N)	
SDCO #19, 8" SDCO RIM=34.42 IE=29.87 (15" S) IE=30.62 (6" SW) IE=29.87 (15" E)	
SDCO #20, 8" SDCO RIM=33.36 IE=28.56 (15" W) IE=28.56 (15" E)	
SDCO #21, 8" SDCO RIM=33.62 IE=27.18 (15" W) IE=27.18 (15" S)	
SDCO #22, 8" SDCO RIM=34.33 IE=26.74 (15" N) IE=26.74 (15" E)	
SDCO #23, 8" SDCO RIM=30.65 IE=28.50 (8" E)	
SDCO #24, 8" SDCO RIM=30.73 IE=28.30 (12" S)	
SDCO #25, 8" SDCO RIM=30.70 IE=27.02 (12" N) IE=27.02 (12" S)	
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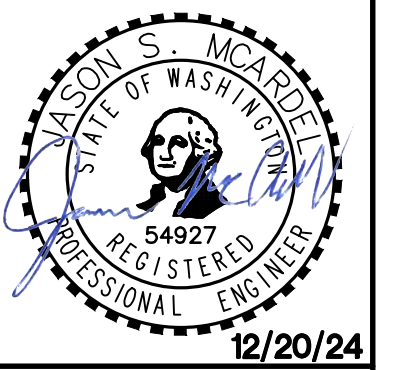


MATCHLINE- SEE SHEET C11 FOR CONTINUATION

No.	Date	By	Clk.	Appr.
5	12/13/24	JSM	JSM	JSM

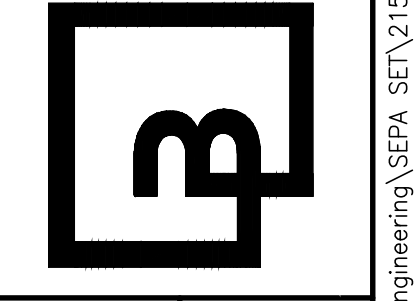
Revision
Title:
PRELIMINARY GRADING AND DRAINAGE PLAN
FOR
FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Designed	Drawn	Checked	Approved	Date
JSM	JSM	JSM	JSM	12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com



APPROVED
BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
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FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

Job Number
21585
Sheet
C10 of **44**

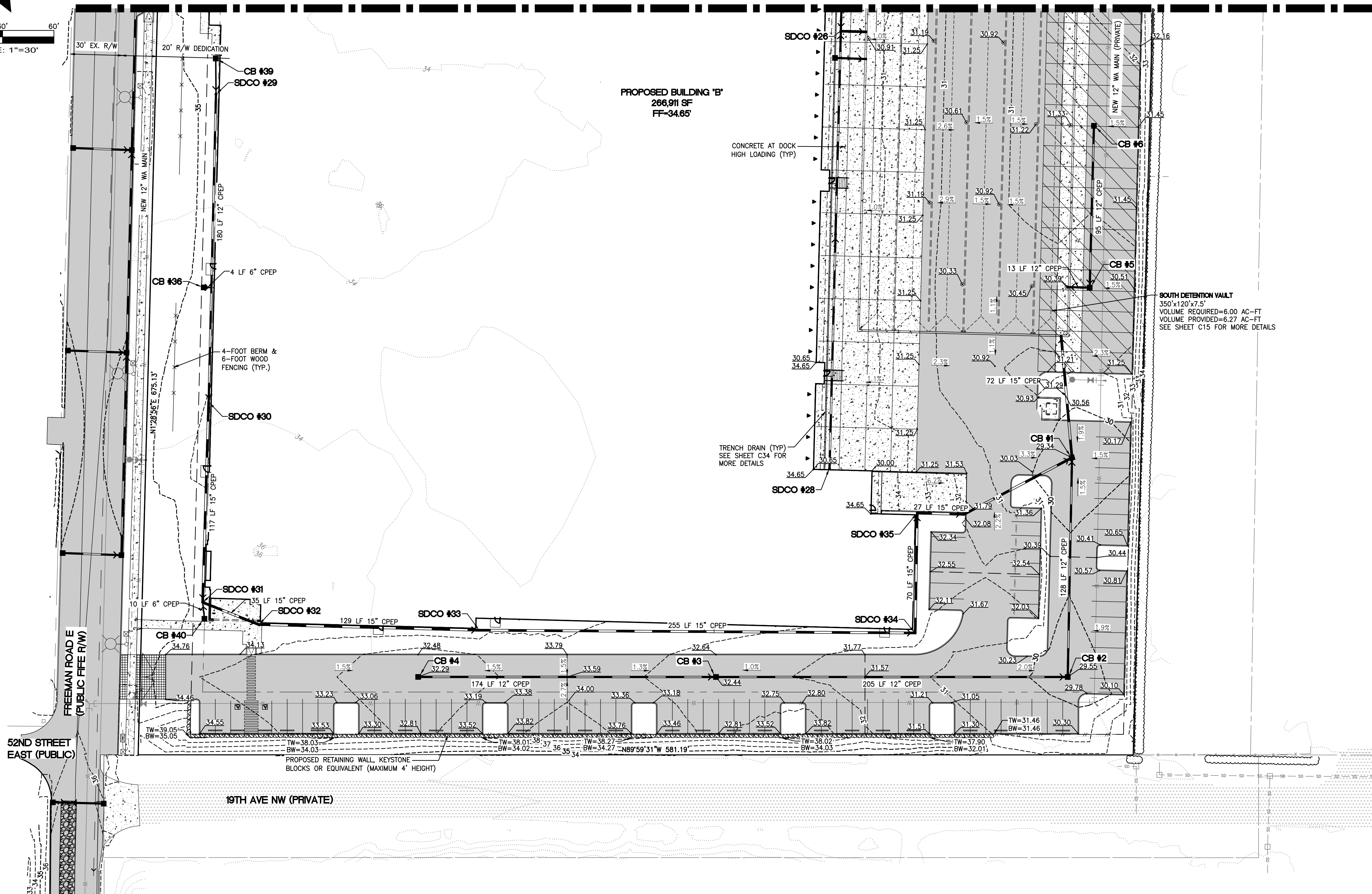
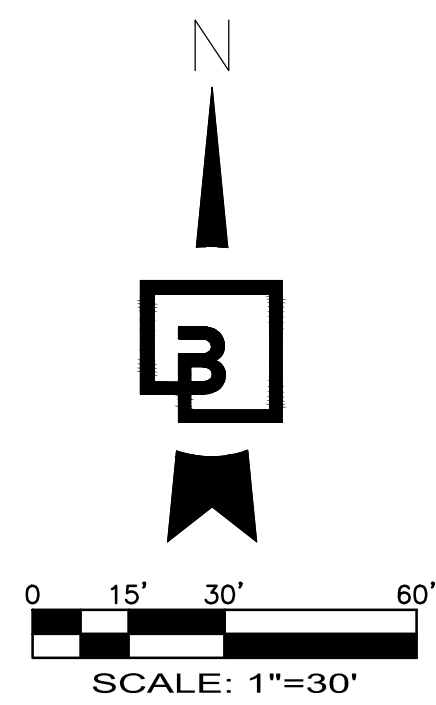
PRELIMINARY GRADING AND DRAINAGE PLAN

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON

MATCHLINE- SEE SHEET C10 FOR CONTINUATION



CATCH BASINS	
CB #1, TYPE 1L, W/STANDARD GRATE RIM=29.34 IE=26.13 (12" S) IE=25.88 (15" SW) IE=25.88 (15" N)	
CB #2, TYPE 1, W/STANDARD GRATE RIM=29.55 IE=27.80 (12" W) IE=27.80 (12" N)	
CB #3, TYPE 1, W/STANDARD GRATE RIM=32.44 IE=28.83 (12" W) IE=28.83 (12" E)	
CB #4, TYPE 1, W/STANDARD GRATE RIM=32.29 IE=29.70 (12" E)	
CB #5, TYPE 1, W/STANDARD GRATE RIM=30.12 IE=26.31 (12" N) IE=26.31 (12" W)	
CB #6, TYPE 1, W/STANDARD GRATE RIM=31.06 IE=28.50 (12" S)	
CB #14, TYPE 1, W/STANDARD GRATE RIM=30.71 IE=27.70 (12" E)	
CB #36, TYPE 1, W/STANDARD GRATE RIM=34.74 IE=31.33 (6" E)	
CB #39, TYPE 1, W/STANDARD GRATE RIM=34.53 IE=32.63 (6" S)	
CB #40, TYPE 1, W/STANDARD GRATE RIM=34.54 IE=31.00 (6" N)	
SDCO #26, 8" SDCO RIM=30.74 IE=25.19 (12" S) IE=25.19 (12" N) IE=24.94 (15" E)	
SDCO #27, 8" SDCO RIM=30.74 IE=26.63 (12" S) IE=26.63 (12" N)	
SDCO #28, 8" SDCO RIM=30.47 IE=28.30 (12" N)	
SDCO #29, 8" SDCO RIM=34.60 IE=32.50 (6" N) IE=32.00 (12" S)	
SDCO #31, 8" SDCO RIM=34.77 IE=29.73 (15" N) IE=30.48 (6" S) IE=29.73 (15" E)	
SDCO #32, 8" SDCO RIM=34.51 IE=29.50 (15" W) IE=29.50 (15" E)	
SDCO #33, 8" SDCO RIM=34.44 IE=28.65 (15" W) IE=28.65 (15" E)	
SDCO #34, 8" SDCO RIM=32.34 IE=26.98 (15" W) IE=26.98 (15" N)	
SDCO #35, 8" SDCO RIM=33.03 IE=26.52 (15" S) IE=26.52 (15" E)	
SDCO #36, 8" SDCO RIM=32.33 IE=26.37 (15" W) IE=26.37 (15" NE)	

No.	Date	By	Clkd.	Appr.	SEPA	RESUBMITTAL
5	12/13/24	DTC	JSM	JSM		

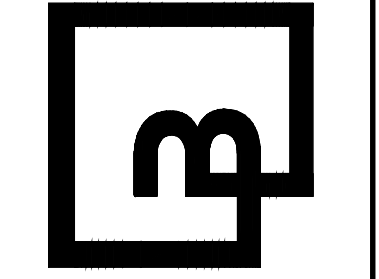
Title:
PRELIMINARY GRADING AND DRAINAGE PLAN
FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:	Horizontal	1"=30'	Vertical	N/A					
Designed	JSM	Drawn	DTC	Checked	JSM	Approved	JSM	Date	12/20/24

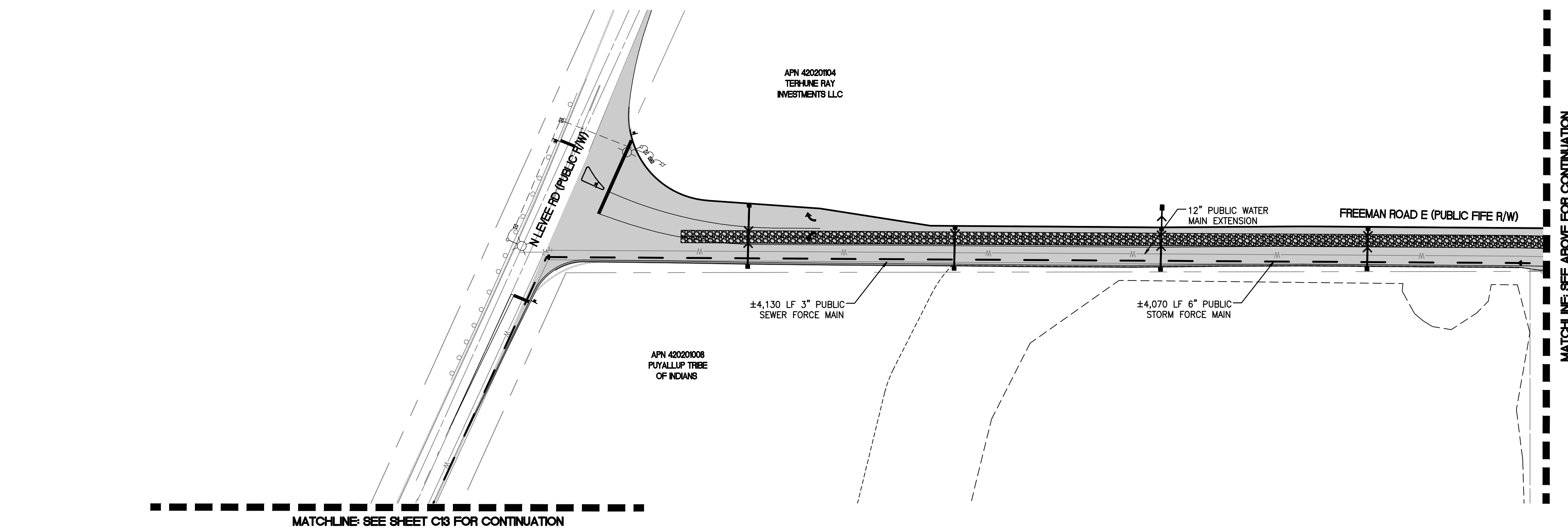
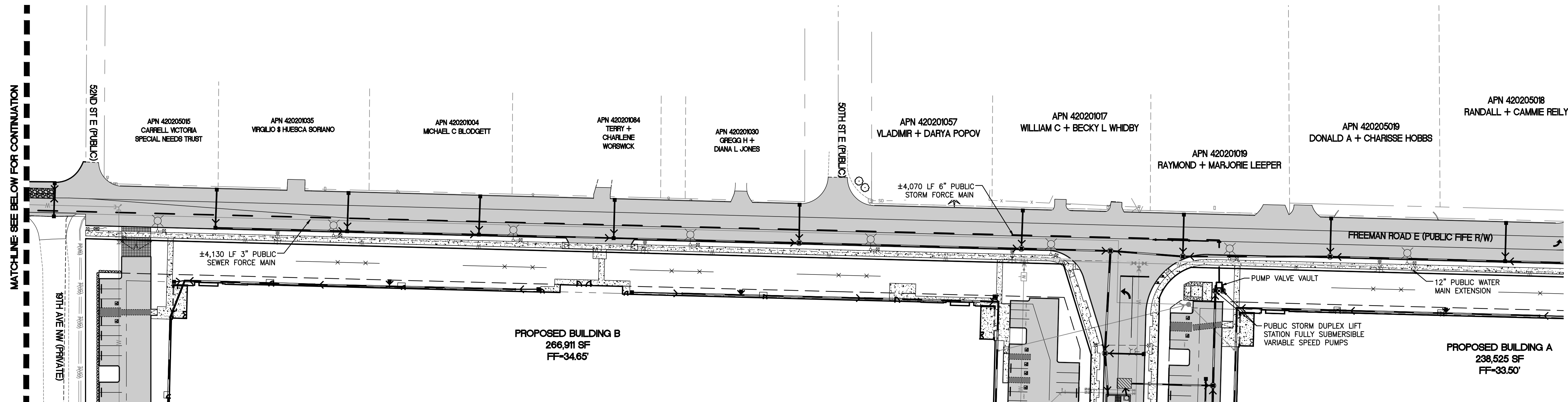
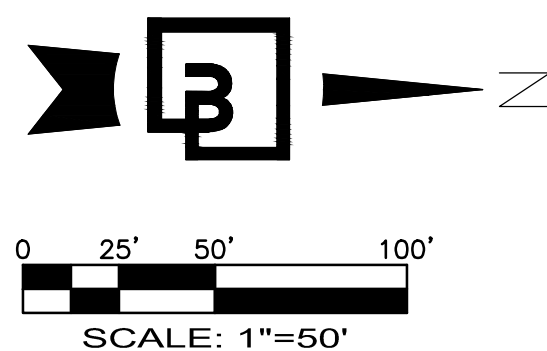
Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com



Job Number
21585
Sheet
C11 of **44**

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

PRELIMINARY DRAINAGE OUTLET PLAN
 OF
FREEMAN LOGISTICS
 PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
 AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
 PIERCE COUNTY, WASHINGTON



No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL
5	12/13/24				JSM	

Title: **PRELIMINARY DRAINAGE OUTLET PLAN**
 FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
 11411 NE 124TH STREET
 SUITE 190
 KIRKLAND, WA 98034



Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

Barghausen Consulting Engineers, LLC.
 18215 72nd Avenue South
 Kent, WA 98032
 425.251.6222 barghausen.com

Job Number: **21585**
 Sheet: **C12** of **44**

ENGINEER'S REVIEW
 APPROVED
 APPROVED AS CORRECTED
 REVISE AND RESUBMIT
 REJECTED
 FOR INFORMATION ONLY

THE CITY'S REVIEW IS NOT A CONFIRMATION OF ANY DIMENSION OR QUANTITIES SHOWN IN THE PLANS AND WILL NOT RELIEVE THE DEVELOPER OR ENGINEER FROM RESPONSIBILITY FOR PLANS ERRORS. NO CHANGES SHALL BE MADE TO THE PLANS EXCEPT WITH THE CONSENT OF THE CITY ENGINEER. IF CONSTRUCTION HAS NOT COMMENCED WITHIN A REASONABLE PERIOD OF THE APPROVAL DATE, PLANS WILL REQUIRE RE-APPROVAL BY THE CITY.

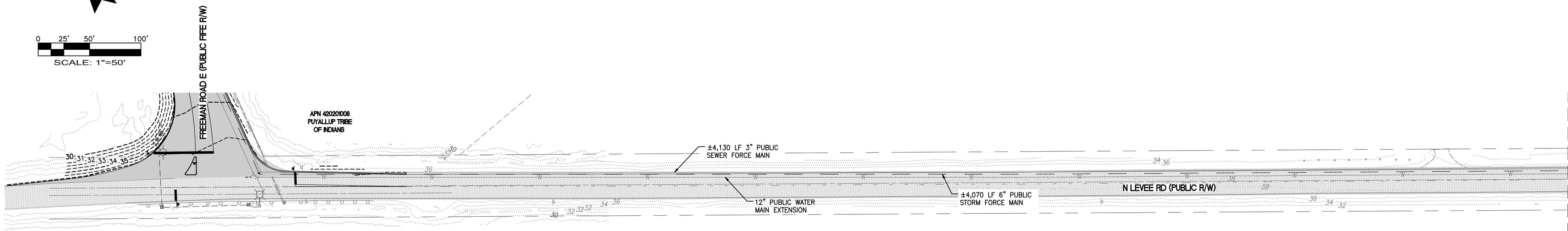
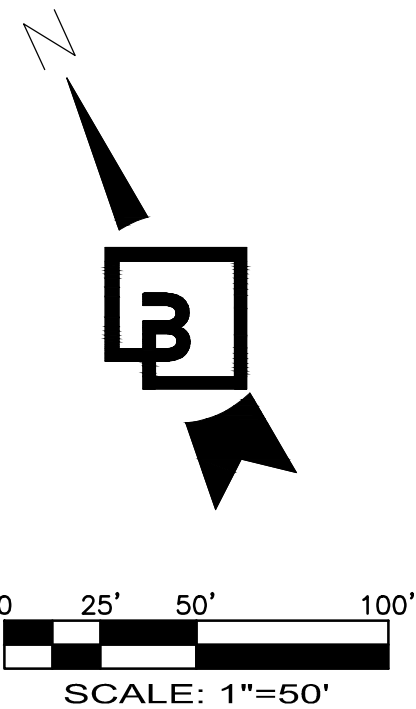
APPROVED

BY: _____
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING

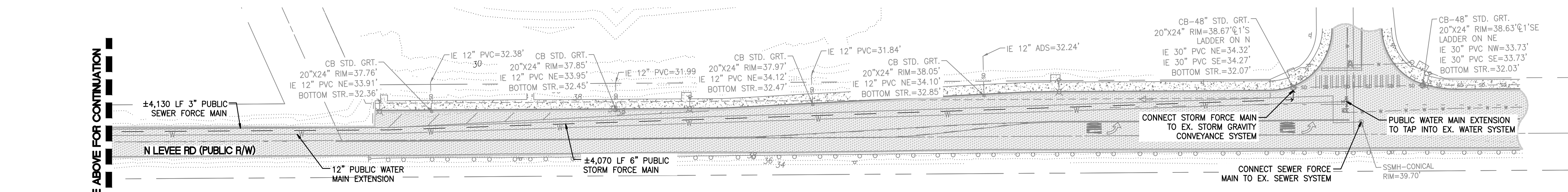
DATE: _____

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PRELIMINARY DRAINAGE OUTLET PLAN
 OF
FREEMAN LOGISTICS
 PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
 AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
 PIERCE COUNTY, WASHINGTON



MATCHLINE- SEE BELOW FOR CONTINUATION



MATCHLINE- SEE ABOVE FOR CONTINUATION

Revision	Date	By	Clk.	Appr.
5	12/13/24	DTC	JSM	JSM
				SEPA RESUBMITTAL

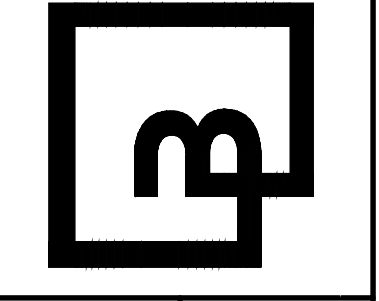
Title: **PRELIMINARY DRAINAGE OUTLET PLAN**
 FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
 11411 NE 124TH STREET
 SUITE 190
 KIRKLAND, WA 98034



Scale:	Horizontal	Vertical
	1"=50'	N/A
Designed	JSM	
Drawn	DTC	
Checked	JSM	
Approved	JSM	
Date	12/20/24	

Barghausen Consulting Engineers, LLC.
 18215 72nd Avenue South
 Kent, WA 98032
 425.251.6222 barghausen.com



APPROVED

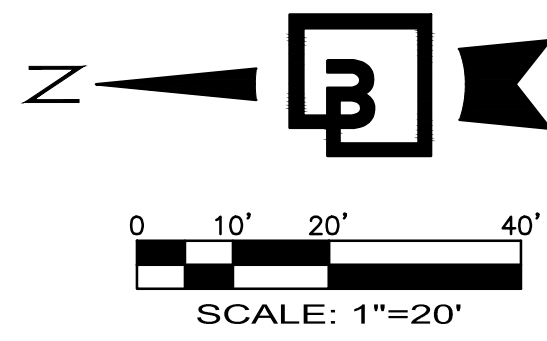
BY _____
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING

DATE _____

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Job Number
21585

Sheet
C13 of **44**

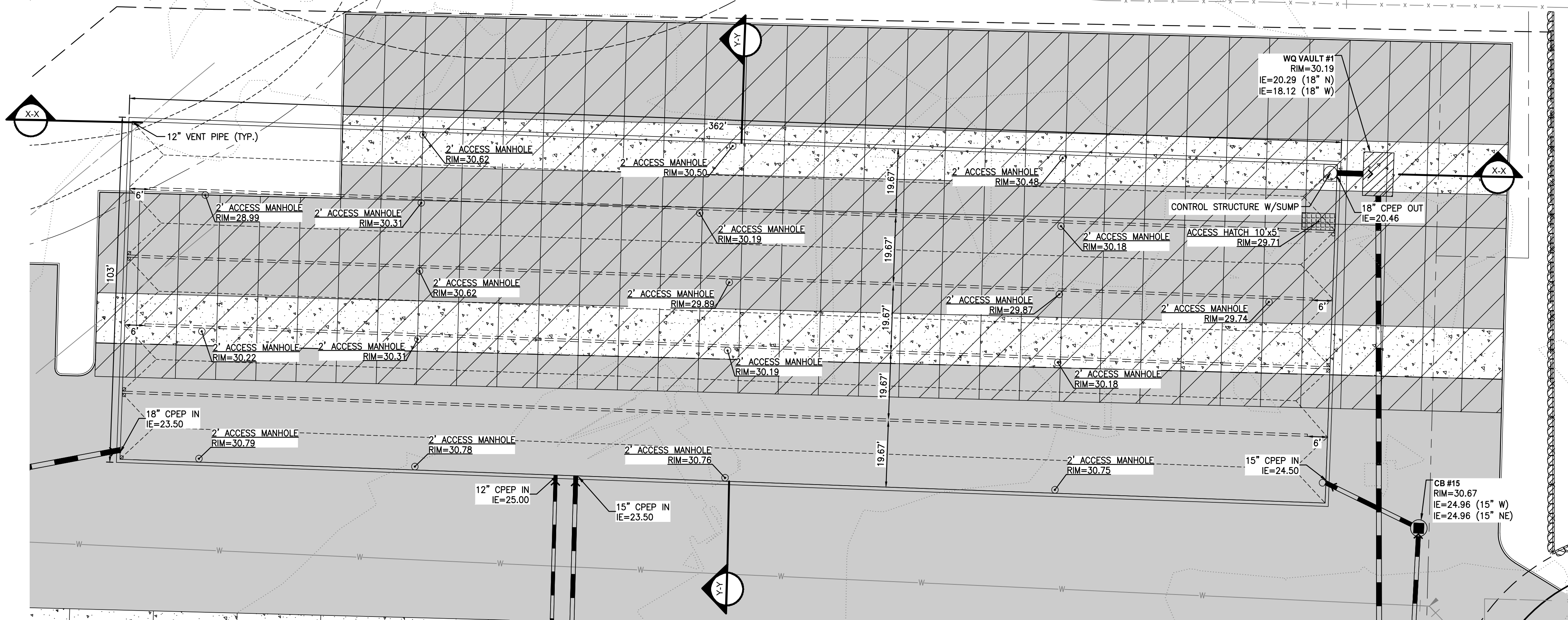


PRELIMINARY DETENTION VAULT PLAN - NORTH

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



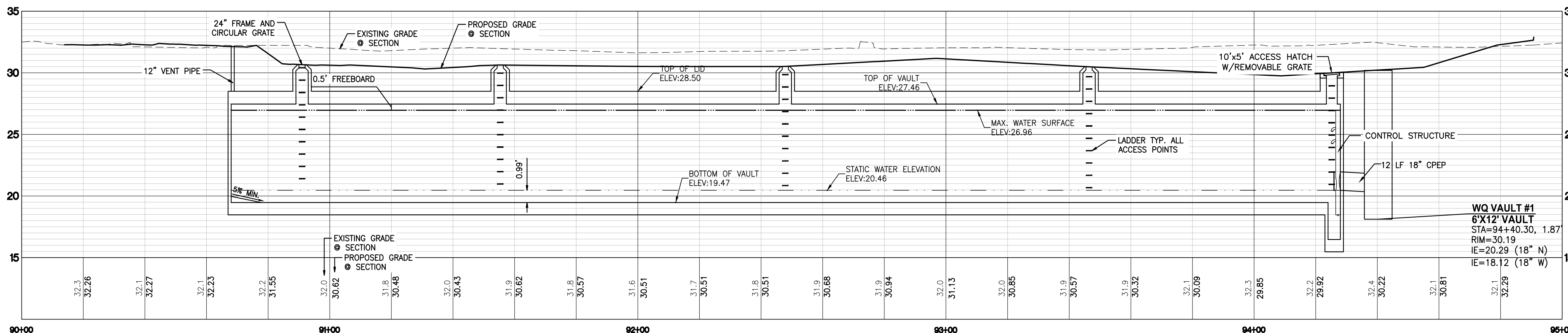
DETENTION VAULT BUILDING A

LIVE STORAGE DEPTH = 6.5 FEET
TOP OF LID = 28.50
TOP OF VAULT = 27.46
MAXIMUM WATER SURFACE = 26.96
STATIC WATER SURFACE = 20.46
BOTTOM OF VAULT = 19.47
DETENTION VOLUME REQUIRED = 230,750 CF
DETENTION VOLUME PROVIDED = 234,000 CF

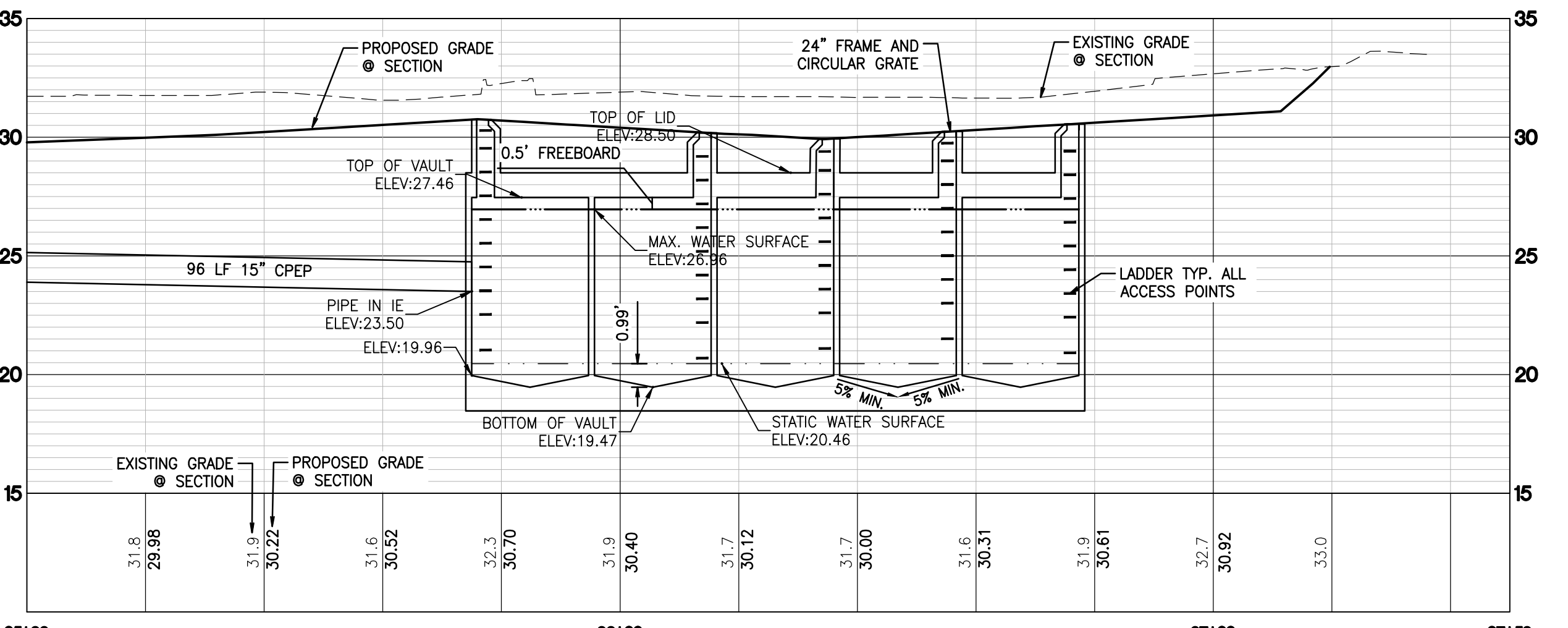
No.	Date	By	Chd.	Appr.	Revision
5	12/13/24	JSM	JSM	JSM	SEPA RESUBMITTAL

**PRELIMINARY DETENTION VAULT
PLAN - NORTH**
FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



DETENTION VAULT X-X SECTION
SCALE: H: 1"=20' V: 1"=5'



DETENTION VAULT Y-Y SECTION
SCALE: H: 1"=20' V: 1"=5'

VAULT NOTES:

1. VENTILATION PIPES (MIN. 12" DIAMETER OR EQUIVALENT) SHALL BE PROVIDED IN ALL CORNERS OF THE VAULT TO ALLOW FOR VENTILATION PRIOR TO ENTRY OF MAINTENANCE PERSONNEL INTO VAULT. VENTILATION PIPES ENTER THROUGH THE VAULT LID. PROVIDE LOCKING LIDS FLUSH WITH FINISH GRADE USING CLEANOUT.
2. WHERE PIPES ENTER AND LEAVE THE VAULT BELOW THE DESIGNED MAX WATER SURFACE, THEY SHALL BE SEALED USING A NON-POROUS, NON-SHRINKING GROUT.
3. DETENTION VAULT HAS BEEN DESIGNED WITH THE HIGH GROUNDWATER IN MIND AND BUOYANCY WILL BE ACCOUNTED FOR IN THE STRUCTURAL DESIGN CALCULATIONS.



KEYNOTE (A)

TYPICAL AT ALL MANHOLE ACCESS MINIMUM SIGN SHALL BE 10"x7" ALUMINUM SIGN. THIS SIGN CAN BE ORDERED AT COMPLIANCE SIGNS.COM, AND IS MODEL NUMBER ACE-10005

BOLT TO INSIDE OF STRUCTURE ABOVE TOP LADDER RUNG. (TYP)

**CONFINED SPACE SIGNAGE
TYPICAL DETAIL**

NOT TO SCALE

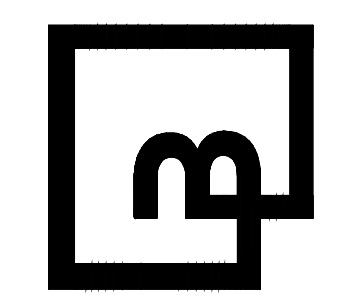
APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

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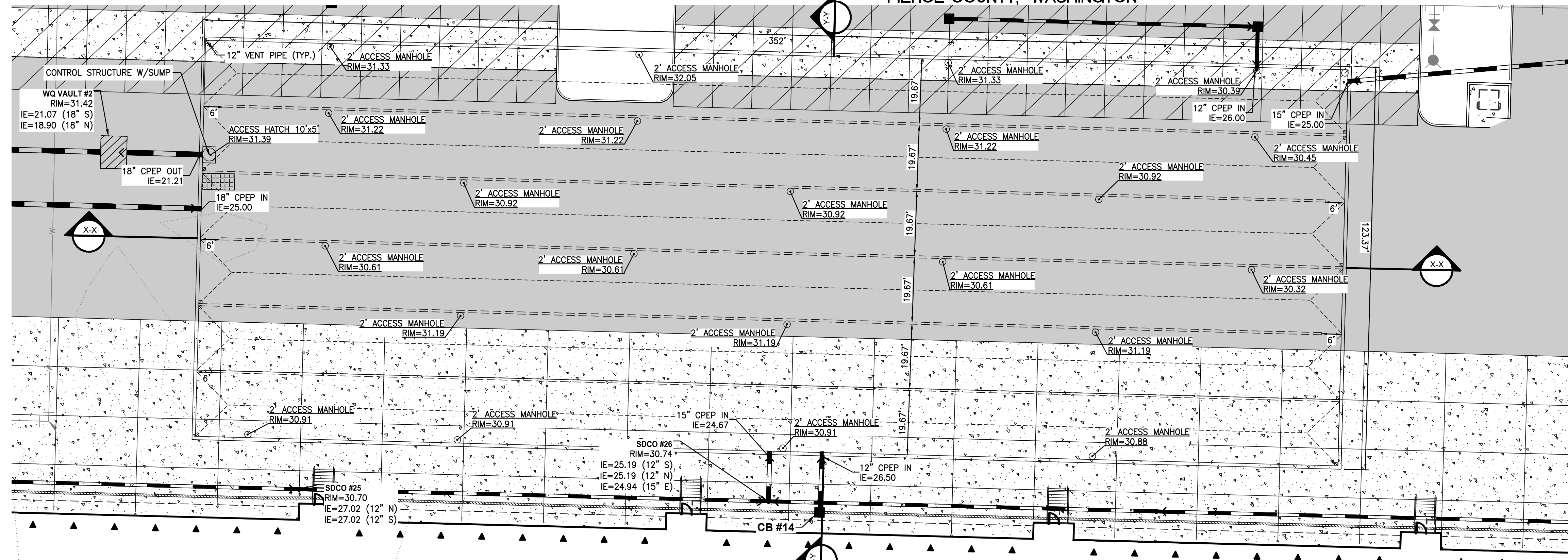
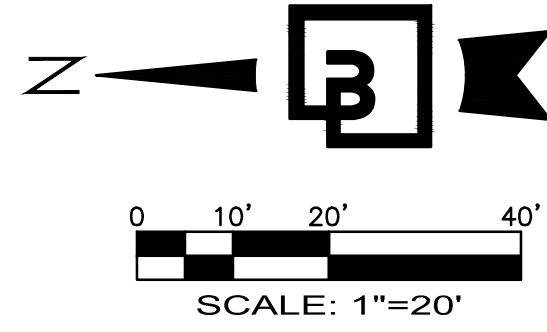


Job Number: **21585**
Sheet: **C14** of **44**

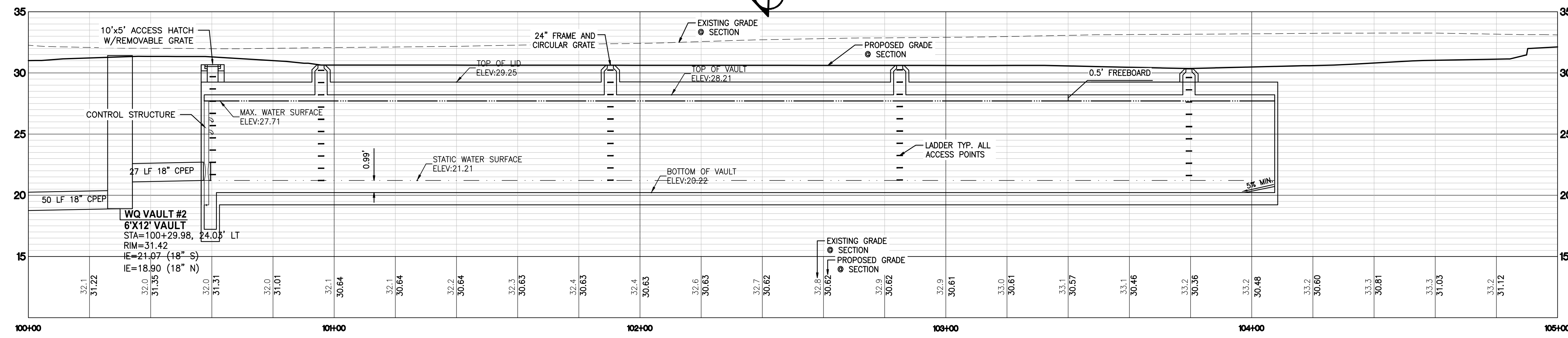
PRELIMINARY DETENTION VAULT PLAN - SOUTH

OF
FREEMAN LOGISTICS

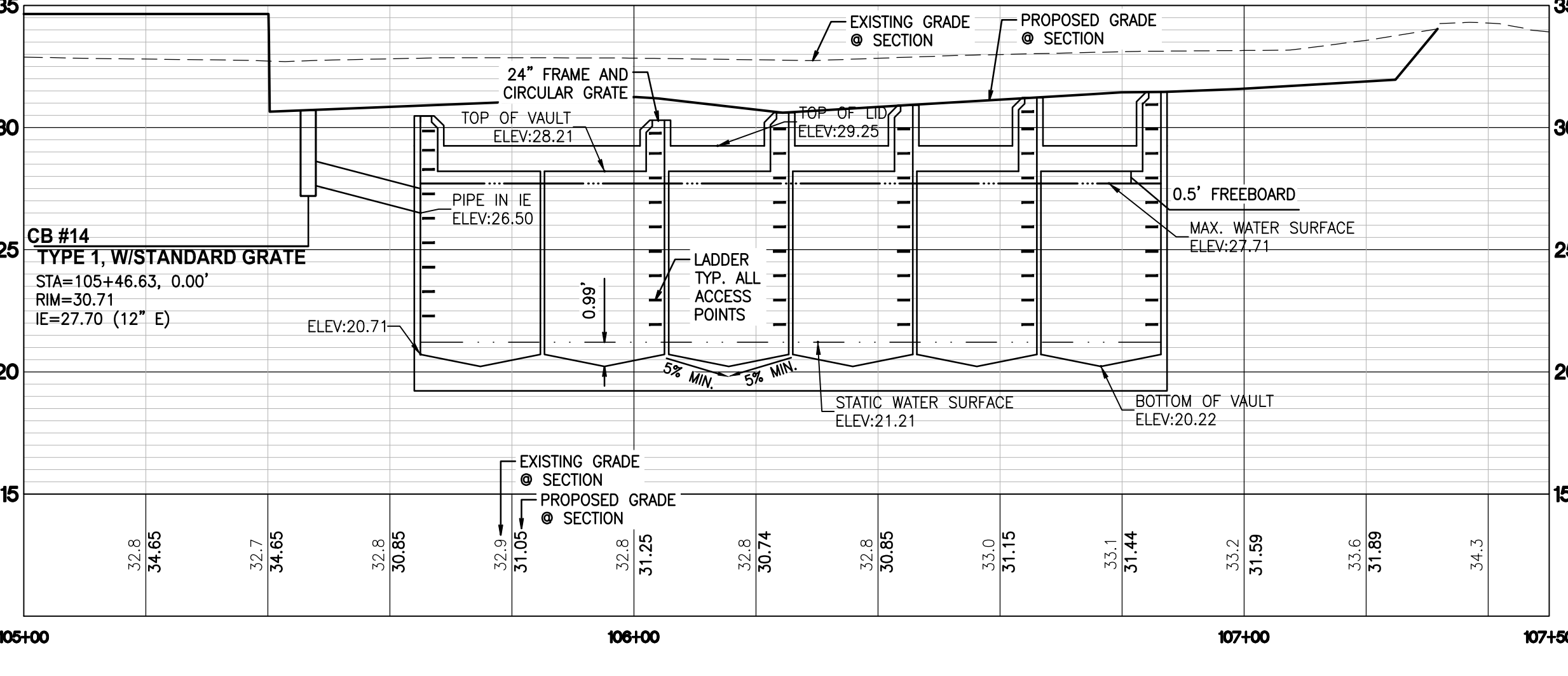
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



DETENTION VAULT BUILDING B
LIVE STORAGE DEPTH = 6.5 FEET
TOP OF LID = 29.25
TOP OF VAULT = 28.21
MAXIMUM WATER SURFACE = 27.71
STATIC WATER SURFACE = 21.21
BOTTOM OF VAULT = 20.22
DETENTION VOLUME REQUIRED = 261,300 CF
DETENTION VOLUME PROVIDED = 273,000 CF



DETENTION VAULT X-X SECTION
SCALE: H: 1"=20' V: 1"=5'



DETENTION VAULT Y-Y SECTION
SCALE: H: 1"=20' V: 1"=5'

VAULT NOTES:

1. VENTILATION PIPES (MIN. 12" DIAMETER OR EQUIVALENT) SHALL BE PROVIDED IN ALL CORNERS OF THE VAULT TO ALLOW FOR VENTILATION PRIOR TO ENTRY OF MAINTENANCE PERSONNEL INTO VAULT. VENTILATION PIPES ENTER THROUGH THE VAULT LID. PROVIDE LOCKING LIDS FLUSH WITH FINISH GRADE USING CLEANOUT.
2. WHERE PIPES ENTER AND LEAVE THE VAULT BELOW THE DESIGNED MAX WATER SURFACE, THEY SHALL BE SEALED USING A NON-POROUS, NON-SHRINKING GROUT.
3. DETENTION VAULT HAS BEEN DESIGNED WITH THE HIGH GROUNDWATER IN MIND AND BUOYANCY WILL BE ACCOUNTED FOR IN THE STRUCTURAL DESIGN CALCULATIONS.



KEYNOTE
TYPICAL AT ALL MANHOLE ACCESS MINIMUM SIGN SHALL BE 10"x7" ALUMINUM SIGN. THIS SIGN CAN BE ORDERED AT COMPLIANCE SIGNS.COM, AND IS MODEL NUMBER ACE-10005
BOLT TO INSIDE OF STRUCTURE ABOVE TOP LADDER RUNG. (TYP)

CONFINED SPACE SIGNAGE
TYPICAL DETAIL
NOT TO SCALE

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

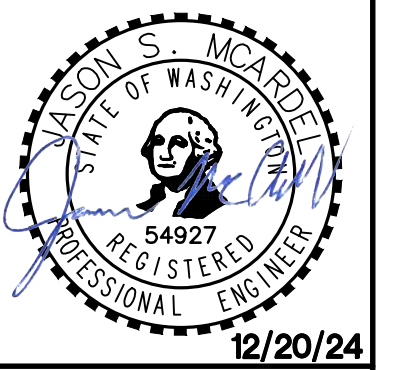
DATE _____

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

No.	Date	By	Clcd.	Appr.	Revision
5	12/13/24	JSM	JSM	JSM	SEPA RESUBMITTAL

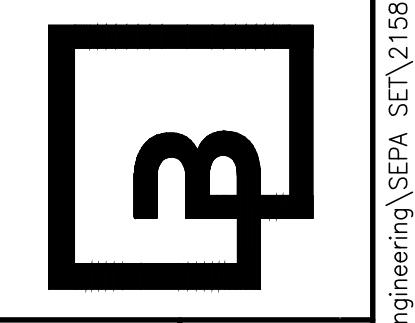
Title:
PRELIMINARY DETENTION VAULT PLAN - SOUTH
FOR
FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

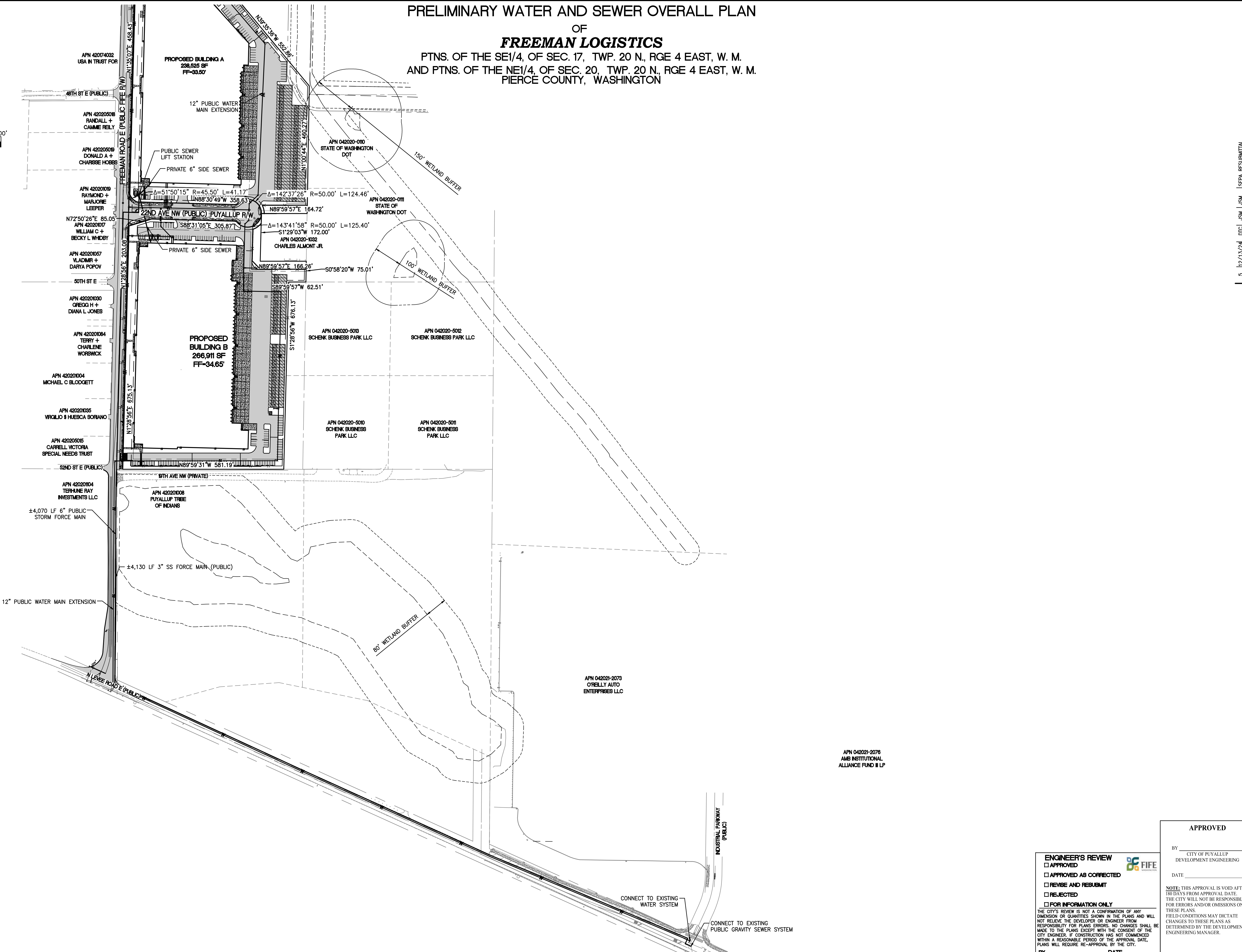
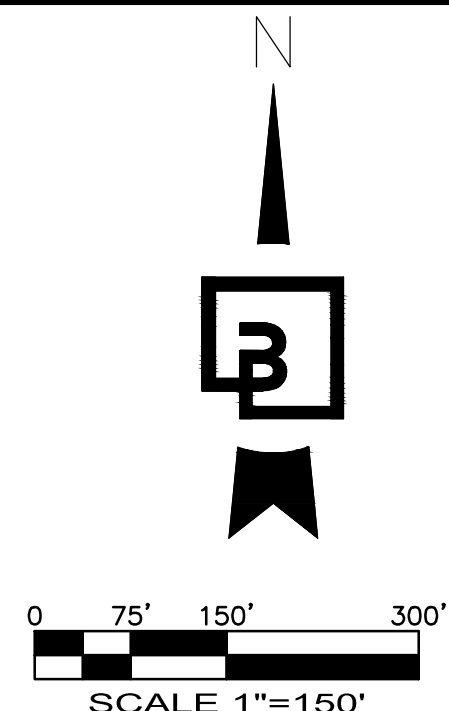
Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com



Job Number
21585

Sheet
C15 of **44**

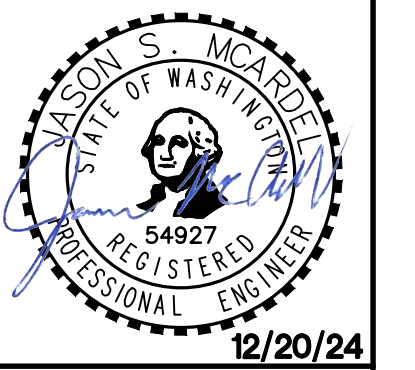
PRELIMINARY WATER AND SEWER OVERALL PLAN
 OF
FREEMAN LOGISTICS
 PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
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 PIERCE COUNTY, WASHINGTON



No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL
5	12/13/24	JSM	JSM			

Revision

Title: **PRELIMINARY WATER AND SEWER OVERALL PLAN**
 FOR
FREEMAN LOGISTICS



Scale:	Horizontal	Vertical
	1"=150'	N/A

For: **VECTOR DEVELOPMENT COMPANY**
 11411 NE 124TH STREET
 SUITE 190
 KIRKLAND, WA 98034

Job Number: **21585**
 Sheet: **C16** of **44**

ENGINEER'S REVIEW
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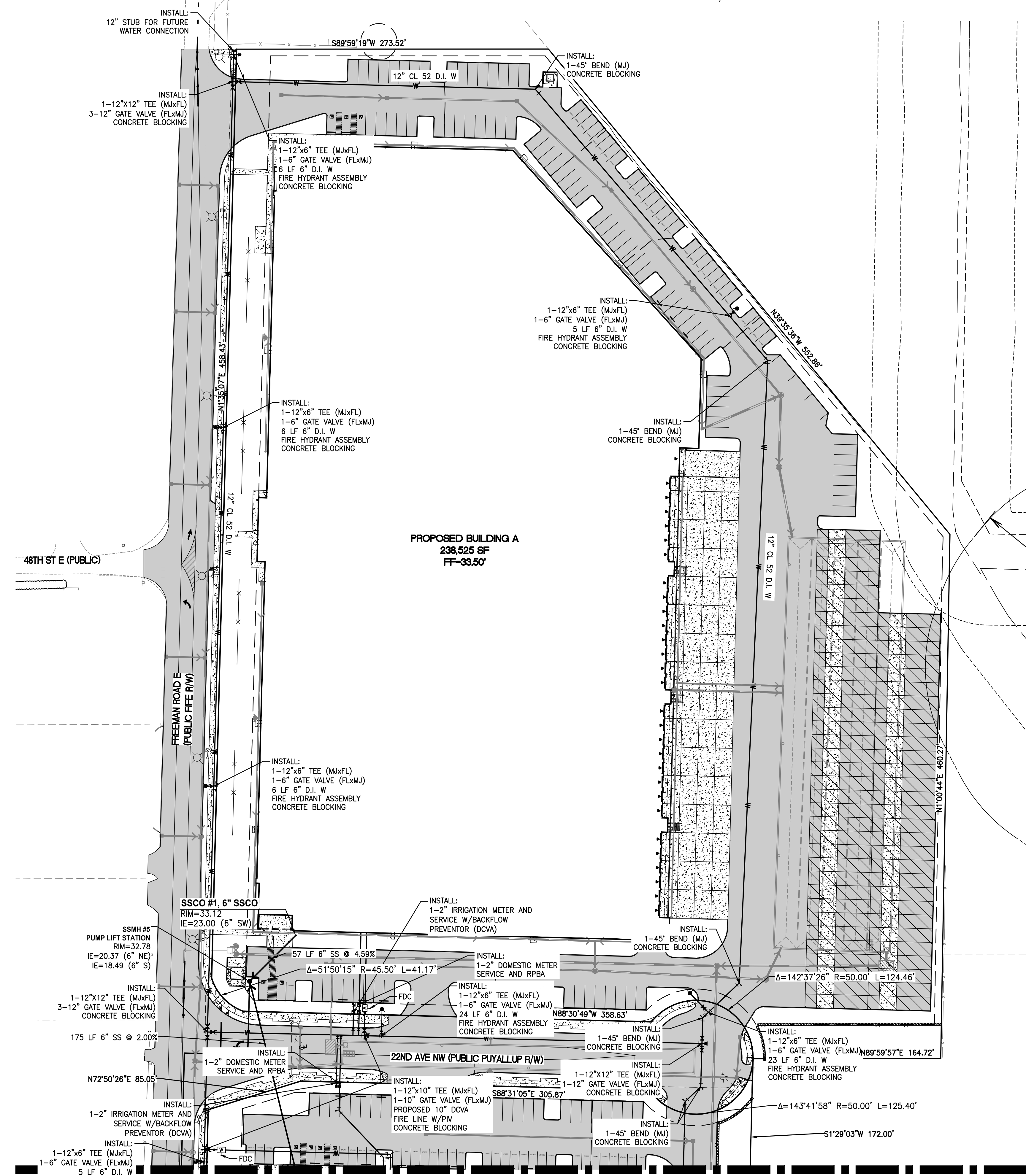
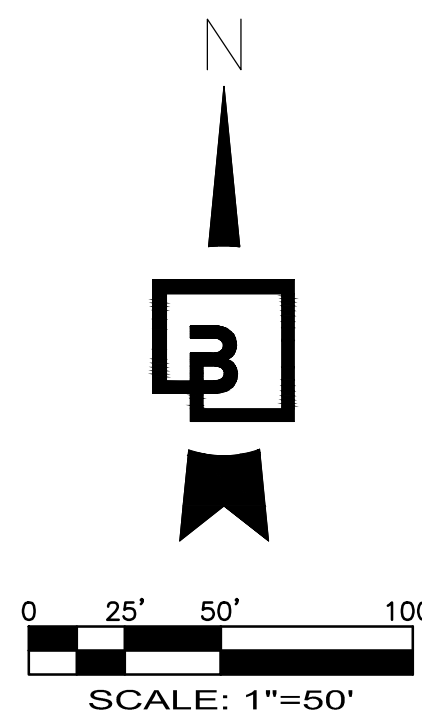
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BY: _____
 CITY OF PUYALLUP
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DATE: _____

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PRELIMINARY WATER AND SEWER PLAN
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PIERCE COUNTY, WASHINGTON



MATCHLINE- SEE SHEET C18 FOR CONTINUATION

No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL	Revision
5	12/13/24	JSM	JSM	JSM			

Title: **PRELIMINARY WATER AND SEWER PLAN**
FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

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18215 72nd Avenue South
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425.251.6222
barghausen.com

Job Number: **21585**
Sheet: **C17** of **44**

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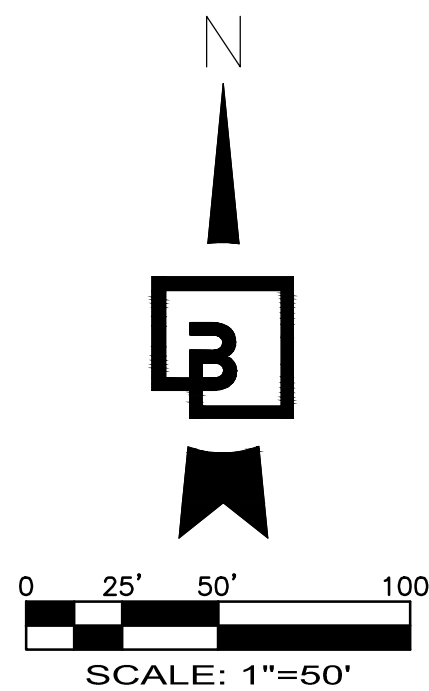
BY _____ DATE _____

APPROVED

BY _____ CITY OF PUYALLUP DEVELOPMENT ENGINEERING
DATE _____

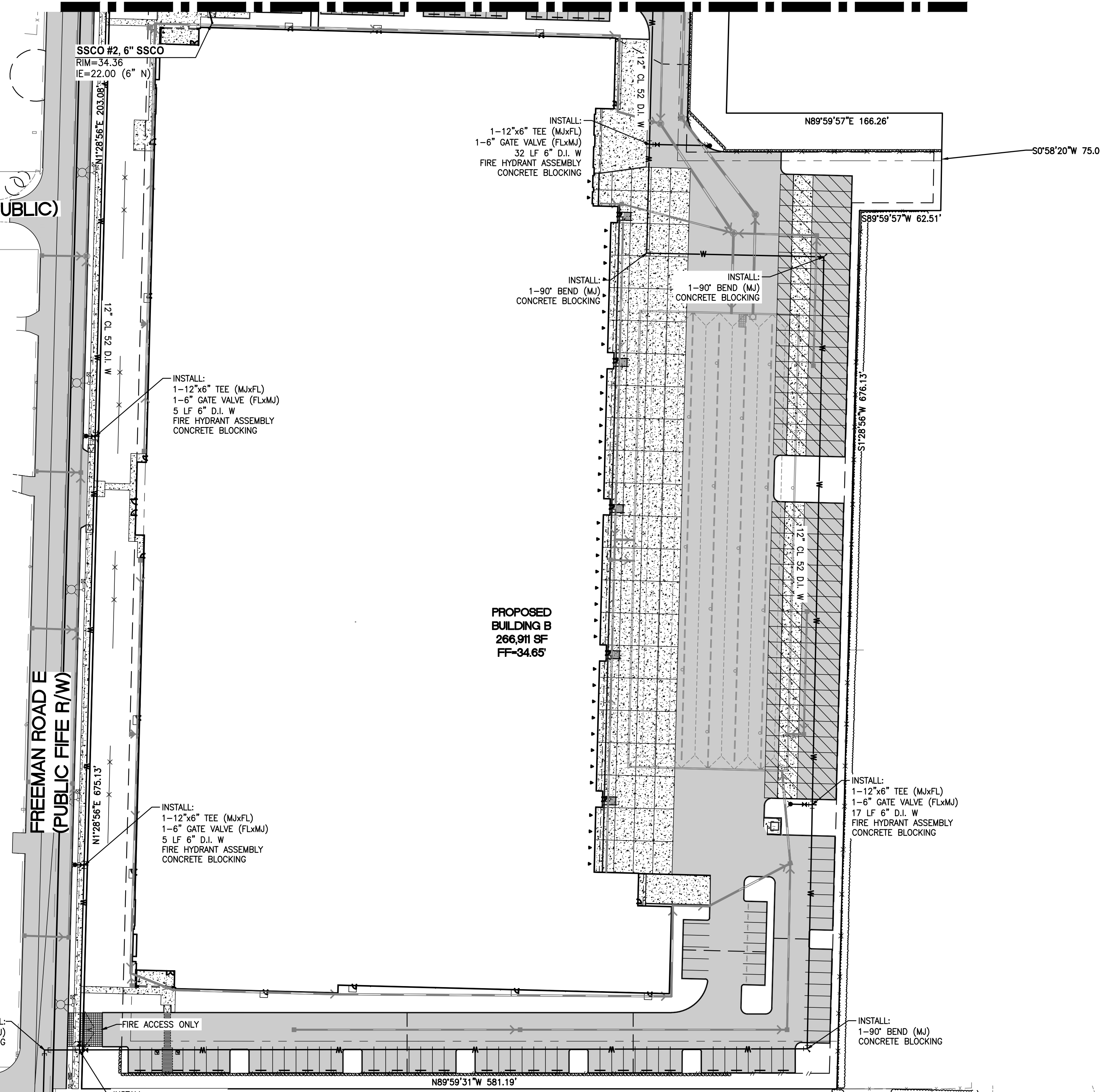
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 PIERCE COUNTY, WASHINGTON



MATCHLINE- SEE SHEET C17 FOR CONTINUATION

50TH STREET EAST (PUBLIC)



52ND STREET EAST (PUBLIC)

19TH AVE NW (PRIVATE)

MATCHLINE- SEE SHEET C19 FOR CONTINUATION

Revision	SEPA	RESUBMITTAL	JSM	Appr.	Date	By	Clkd.	DTC
5					12/13/24			

PRELIMINARY WATER AND SEWER PLAN
 FOR
FREEMAN LOGISTICS

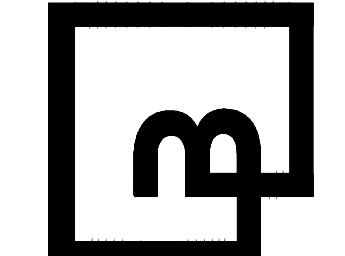
For: **VECTOR DEVELOPMENT COMPANY**
 11411 NE 124TH STREET
 SUITE 190
 KIRKLAND, WA 98034



Scale:
 Horizontal: 1"=50'
 Vertical: N/A

Designed	JSM	DTC	Checked	JSM	Approved	JSM	Date
							12/20/24

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Job Number: **21585**
 Sheet: **C18** of **44**

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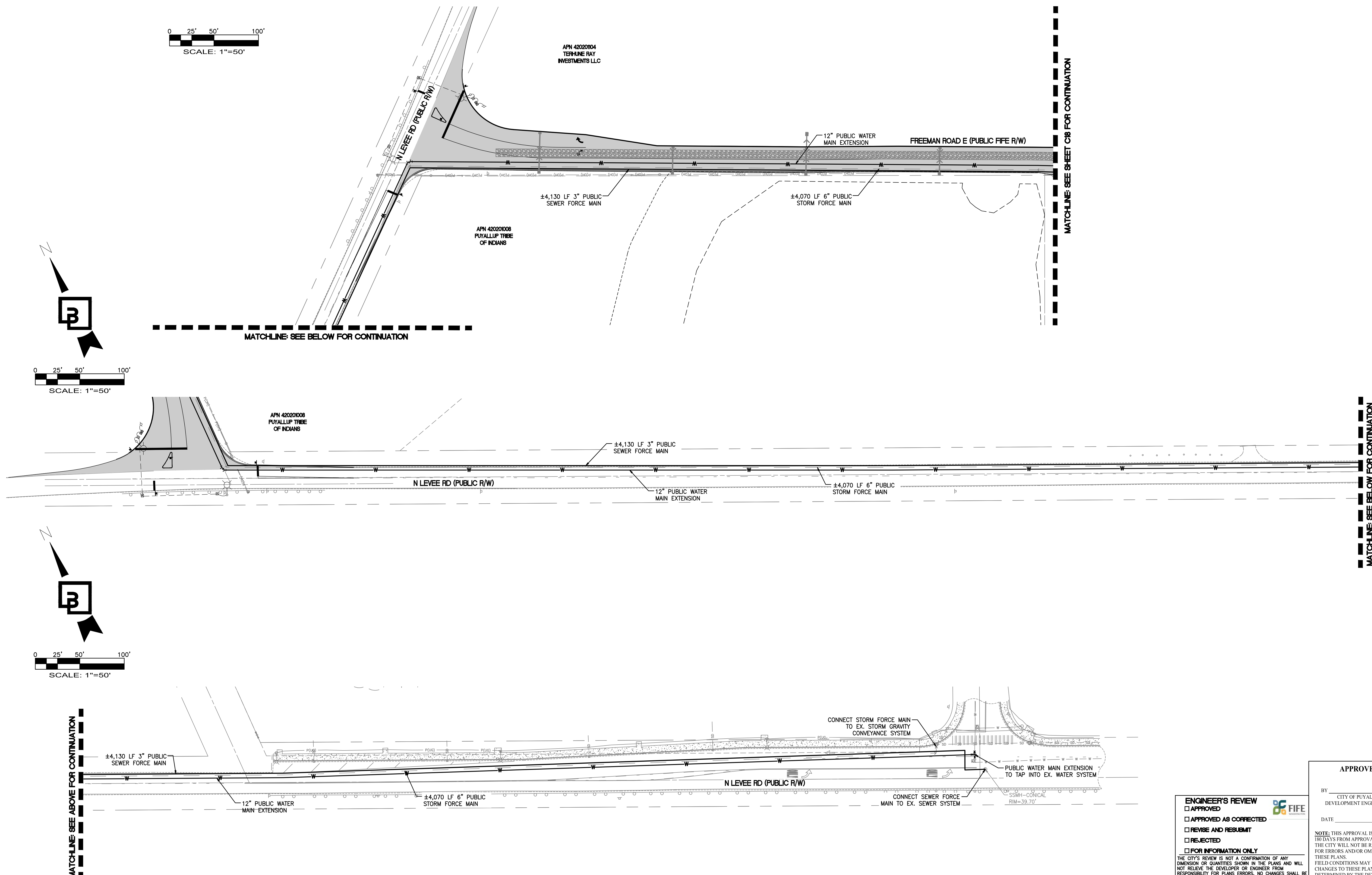
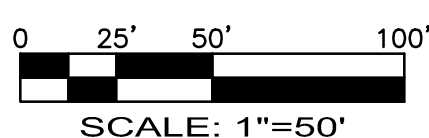
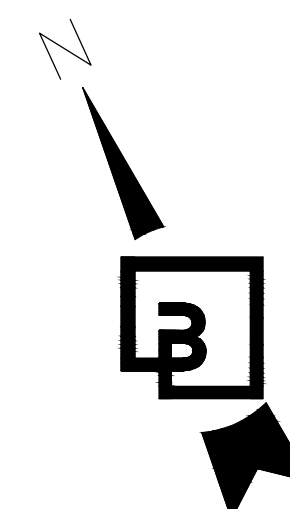
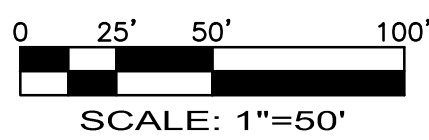
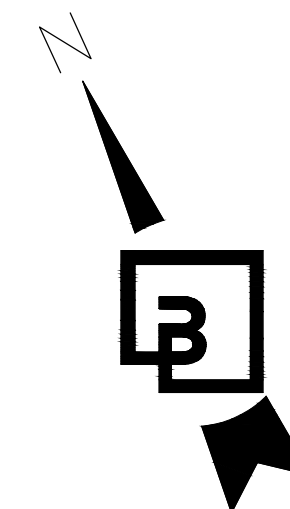
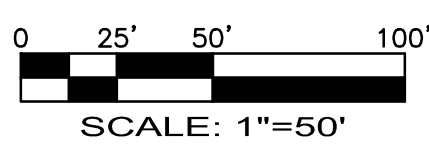
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 DEVELOPMENT ENGINEERING

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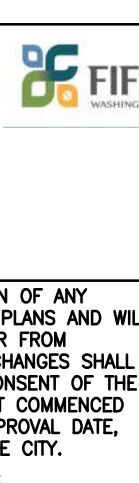
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5	12/13/24	JSM	JSM			

Title: **PRELIMINARY WATER AND SEWER PLAN**
 FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
 11411 NE 124TH STREET
 SUITE 190
 KIRKLAND, WA 98034



Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

Scale:
 Horizontal 1"=50'
 Vertical N/A

Barghausen Consulting Engineers, LLC.
 18215 72nd Avenue South
 Kent, WA 98032
 425.251.6222
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Job Number: **21585**
 Sheet: **C19** of **44**

PRELIMINARY ROAD IMPROVEMENT FREEMAN AND LEVEE INTERSECTION

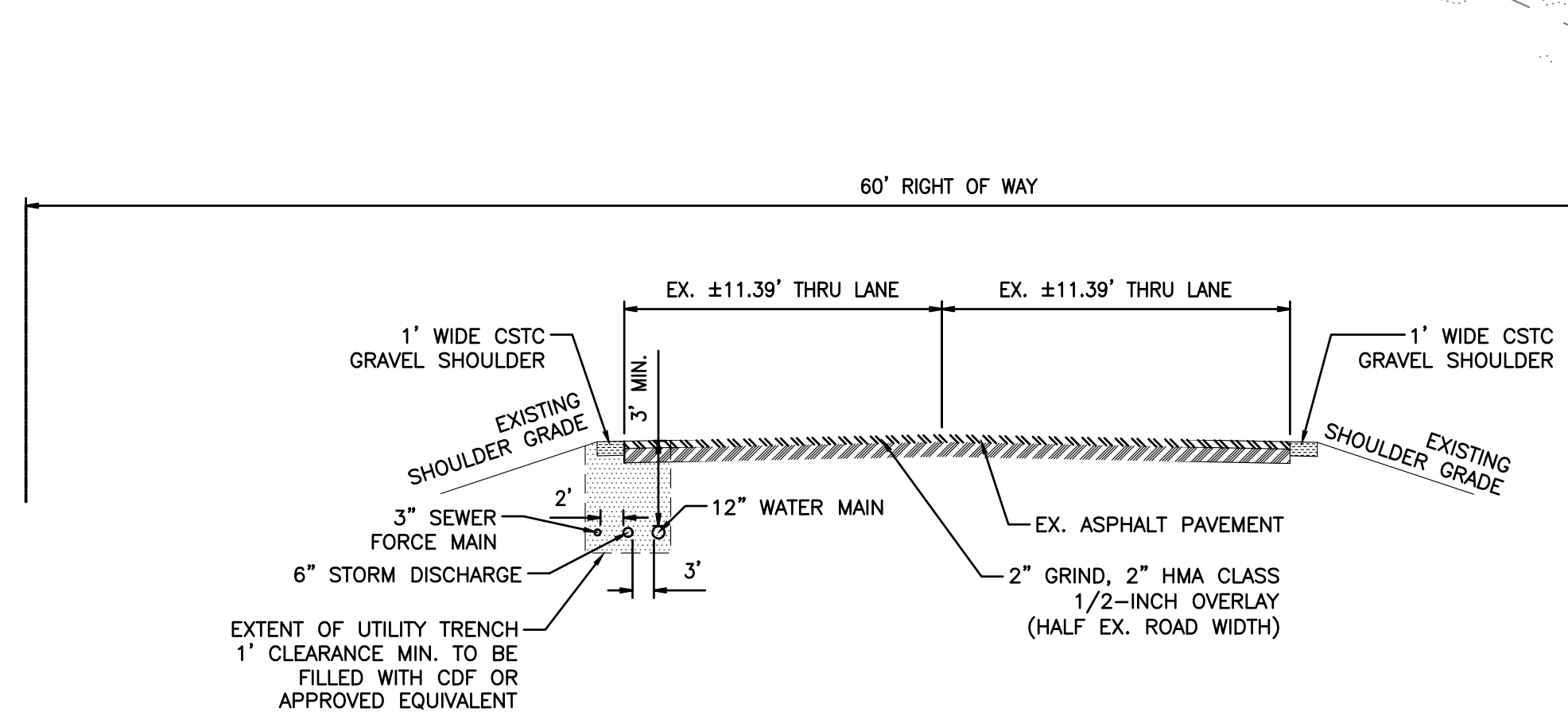
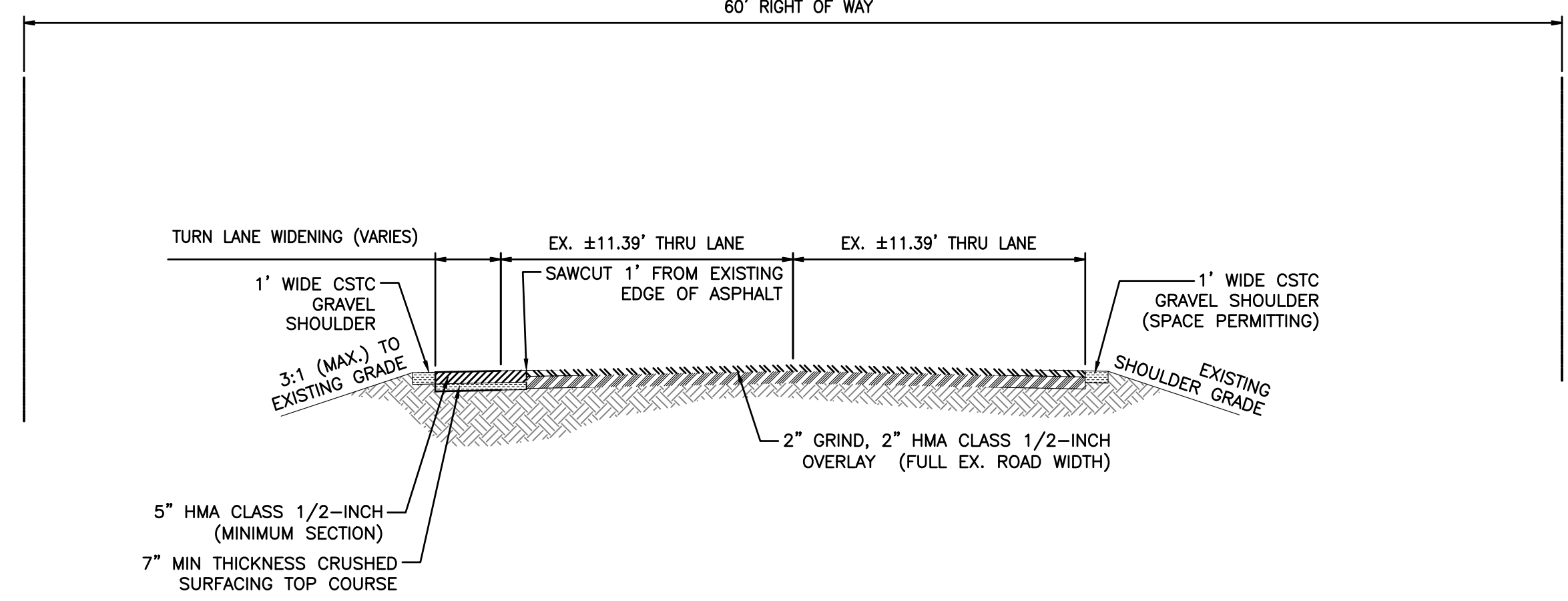
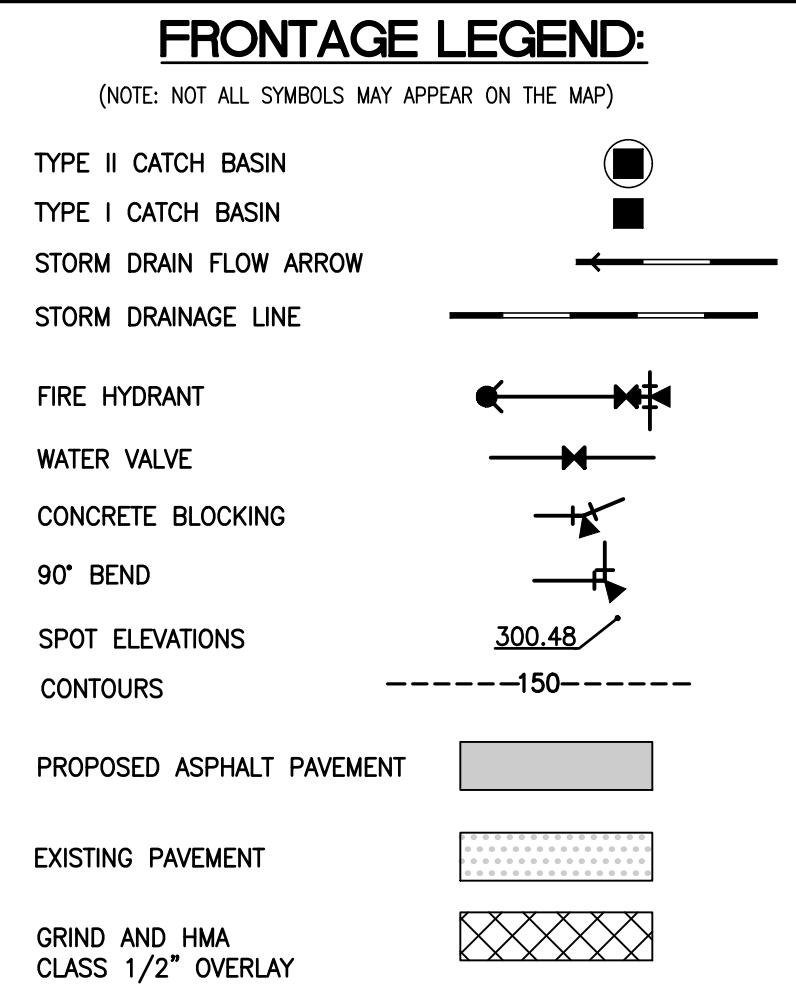
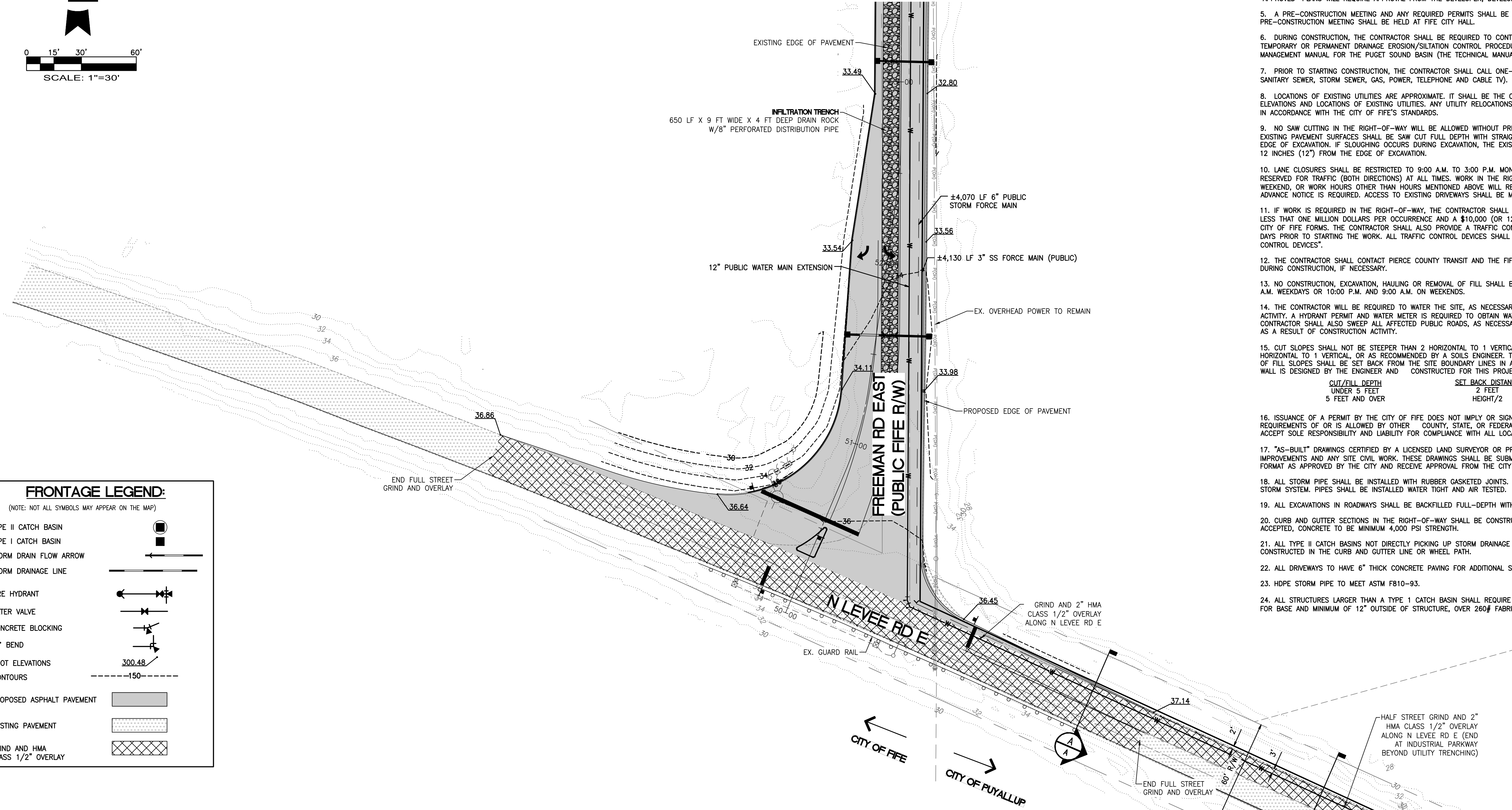
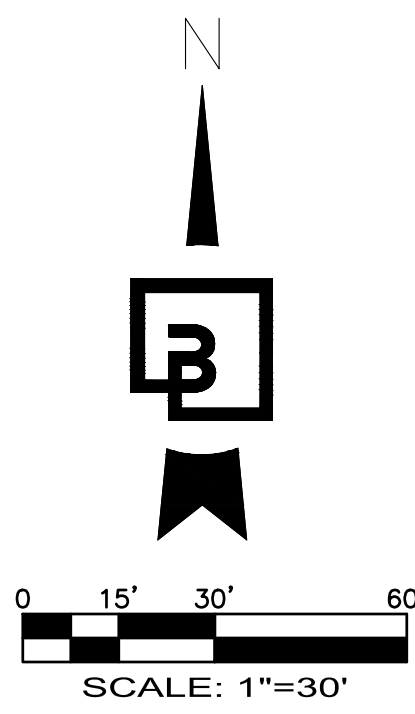
**OF
FREEMAN LOGISTICS**

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AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON

CITY OF FIFE GENERAL NOTES

- ALL SPECIFICATIONS, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CITY OF FIFE MUNICIPAL CODE, THE LATEST EDITION OF THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- PLANS AND DETAILS SHALL BE IN ACCORDANCE WITH THE CITY OF FIFE MUNICIPAL CODE AND THE LATEST EDITION OF THE WSDOT/APWA STANDARD PLANS.
- A COPY OF THE APPROVED PLANS SHALL BE ON SITE DURING CONSTRUCTION.
- CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS, ANY CHANGES FROM THE "APPROVED" PLANS WILL REQUIRE APPROVAL FROM THE DEVELOPER, DEVELOPER'S ENGINEER AND THE CITY OF FIFE.
- A PRE-CONSTRUCTION MEETING AND ANY REQUIRED PERMITS SHALL BE REQUIRED PRIOR TO ANY WORK ACTIVITY. THE PRE-CONSTRUCTION MEETING SHALL BE HELD AT FIFE CITY HALL.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL ON SITE STORM WATER RUNOFF BY USING APPROVED TEMPORARY OR PERMANENT DRAINAGE EROSION/SILTATION CONTROL PROCEDURES. THE CITY OF FIFE HAS ADOPTED THE STORMWATER MANAGEMENT MANUAL FOR THE PUGET SOUND BASIN (THE TECHNICAL MANUAL) DEVELOPED BY THE DEPARTMENT OF ECOLOGY.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE-CALL (1-800-425-5555) FOR UTILITY LOCATIONS (WATER, SANITARY SEWER, STORM SEWER, GAS, POWER, TELEPHONE AND CABLE TV).
- LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF EXISTING UTILITIES. ANY UTILITY RELOCATIONS SHALL BE AT THE EXPENSE OF THE APPLICANT AND MUST BE IN ACCORDANCE WITH THE CITY OF FIFE'S STANDARDS.
- NO SAW CUTTING IN THE RIGHT-OF-WAY WILL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE CITY OF FIFE. ONCE APPROVED, EXISTING PAVEMENT SURFACES SHALL BE SAW CUT FULL DEPTH WITH STRAIGHT, UNIFORM EDGES TWELVE INCHES (12") OUT FROM THE EDGE OF EXCAVATION. IF SLOUGHING OCCURS DURING EXCAVATION, THE EXISTING PAVEMENT SHALL BE SAW CUT TO ACHIEVE THE REQUIRED 12 INCHES (12") FROM THE EDGE OF EXCAVATION.
- LANE CLOSURES SHALL BE RESTRICTED TO 9:00 A.M. TO 3:00 P.M. MONDAY THROUGH FRIDAY. ONE LANE (MINIMUM) SHALL BE RESERVED FOR TRAFFIC (BOTH DIRECTIONS) AT ALL TIMES. WORK IN THE RIGHT OF WAY REQUIRES A RIGHT-OF-WAY PERMIT. NIGHT, WEEKEND, OR WORK HOURS OTHER THAN HOURS MENTIONED ABOVE WILL REQUIRE THE CITY OF FIFE ENGINEER'S APPROVAL. A THREE DAY ADVANCE NOTICE IS REQUIRED. ACCESS TO EXISTING DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES.
- IF WORK IS REQUIRED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL PROVIDE PROOF OF LIABILITY INSURANCE IN AN AMOUNT NO LESS THAN ONE MILLION DOLLARS PER OCCURRENCE AND A \$10,000 RESTORATION/DEFECT BOND ON CITY OF FIFE FORMS. THE CONTRACTOR SHALL ALSO PROVIDE A TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL A MINIMUM OF FIVE(5) DAYS PRIOR TO STARTING THE WORK. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- THE CONTRACTOR SHALL CONTACT PIERCE COUNTY TRANSIT AND THE FIFE SCHOOL DISTRICT FOR COORDINATING BUS STOP OPERATIONS DURING CONSTRUCTION, IF NECESSARY.
- NO CONSTRUCTION, EXCAVATION, HAULING OR REMOVAL OF FILL SHALL BE PERMITTED BETWEEN THE HOURS OF 10:00 P.M. AND 7:00 A.M. WEEKDAYS OR 10:00 P.M. AND 9:00 A.M. ON WEEKENDS.
- THE CONTRACTOR WILL BE REQUIRED TO WATER THE SITE, AS NECESSARY, TO REDUCE EMISSIONS AS A RESULT OF CONSTRUCTION ACTIVITY. A HYDRANT PERMIT AND WATER METER IS REQUIRED TO OBTAIN WATER FROM THE CITY OF FIFE'S WATER SYSTEM. THE CONTRACTOR SHALL ALSO SWEEP ALL AFFECTED PUBLIC ROADS, AS NECESSARY, OR AS DIRECTED BY THE CITY, TO REMOVE MUD DEPOSITS AS A RESULT OF CONSTRUCTION ACTIVITY.
- CUT SLOPES SHALL NOT BE STEEPER THAN 2 HORIZONTAL TO 1 VERTICAL AND FILL SLOPES SHALL NOT BE STEEPER THAN 1-1/2 HORIZONTAL TO 1 VERTICAL, OR AS RECOMMENDED BY A SOILS ENGINEER. THE CATCH POINTS OF THE TOP OF CUT SLOPES AND BOTTOM OF FILL SLOPES SHALL BE SET BACK FROM THE SITE BOUNDARY LINES IN ACCORDANCE WITH THE FOLLOWING TABLE, UNLESS A RETAINING WALL IS DESIGNED BY THE ENGINEER AND CONSTRUCTED FOR THIS PROJECT.

CUT/FILL DEPTH	SET BACK DISTANCE
UNDER 5 FEET	2 FEET
5 FEET AND OVER	HEIGHT/2
- ISSUANCE OF A PERMIT BY THE CITY OF FIFE DOES NOT IMPLY OR SIGNIFY THAT THE PROPOSED WORK COMPLIES WITH THE REQUIREMENTS OF OR IS ALLOWED BY OTHER COUNTY, STATE, OR FEDERAL LAWS, ORDINANCES, OR REGULATIONS. APPLICANT WILL ACCEPT SOLE RESPONSIBILITY AND LIABILITY FOR COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- "AS-BUILT" DRAWINGS CERTIFIED BY A LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER ARE REQUIRED FOR RIGHT-OF-WAY IMPROVEMENTS AND ANY SITE CIVIL WORK. THESE DRAWINGS SHALL BE SUBMITTED ON 24" X 36" MYLAR, ON CD IN ELECTRONIC PDF FORMAT AS APPROVED BY THE CITY AND RECEIVE APPROVAL FROM THE CITY BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED.
- ALL STORM PIPE SHALL BE INSTALLED WITH RUBBER GASKETED JOINTS. PIPES SHALL NOT ALLOW INTRUSION OF GROUNDWATER INTO STORM SYSTEM. PIPES SHALL BE INSTALLED WATER TIGHT AND AIR TESTED.
- ALL EXCAVATIONS IN ROADWAYS SHALL BE BACKFILLED FULL-DEPTH WITH CRUSHED ROCK BASE COURSE COMPACTED TO 95% MDD.
- CURB AND GUTTER SECTIONS IN THE RIGHT-OF-WAY SHALL BE CONSTRUCTED USING FORMS. EXTRUDED APPLICATIONS SHALL NOT BE ACCEPTED, CONCRETE TO BE MINIMUM 4,000 PSI STRENGTH.
- ALL STORM PIPE SHALL BE INSTALLED WITH RUBBER GASKETED JOINTS. PIPES SHALL NOT ALLOW INTRUSION OF GROUNDWATER INTO STORM SYSTEM. PIPES SHALL BE INSTALLED WATER TIGHT AND AIR TESTED.
- ALL DRIVEWAYS TO HAVE 6" THICK CONCRETE PAVING FOR ADDITIONAL STRENGTH. MIN. 4,000 PSI STRENGTH.
- HDPE STORM PIPE TO MEET ASTM F810-93.
- ALL STRUCTURES LARGER THAN A TYPE I CATCH BASIN SHALL REQUIRE A MINIMUM OF 12" THICKNESS OF 4" - 8" QUARRY SPALLS FOR BASE AND MINIMUM OF 12" OUTSIDE OF STRUCTURE, OVER 260# FABRIC PER ASTM D-4632



ENGINEER'S REVIEW

<input type="checkbox"/> APPROVED	DATE
<input type="checkbox"/> APPROVED AS CORRECTED	
<input type="checkbox"/> REVISE AND RESUBMIT	
<input type="checkbox"/> REJECTED	
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CALL BEFORE YOU DIG:
1-800-424-5555

UTILITY CONFLICT NOTE:
CAUTION:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATOR @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL
5	12/13/24	DTC	JSM	JSM		

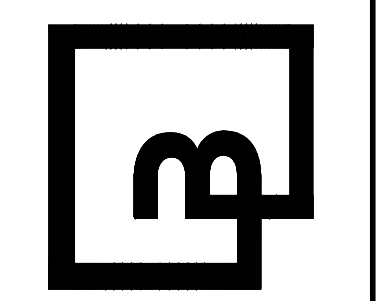
Title: **PRELIMINARY ROAD IMPROVEMENT
FREEMAN AND LEVEE INTERSECTION**
FOR: **VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034**



Scale: Horizontal 1"=30', Vertical N/A

Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

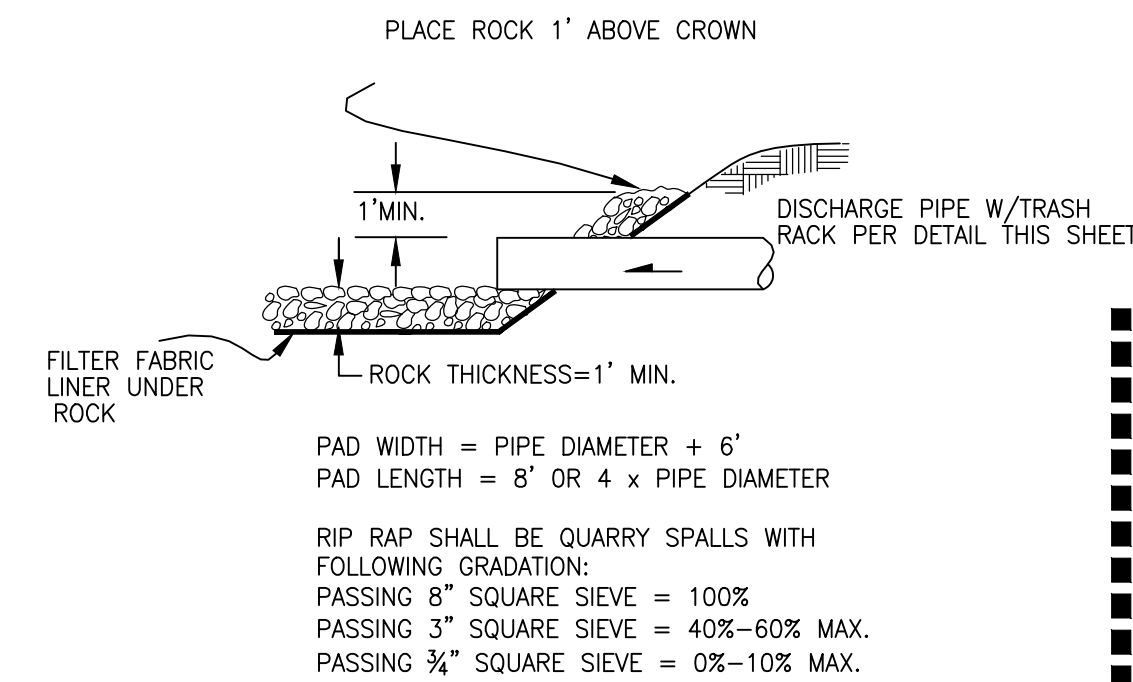
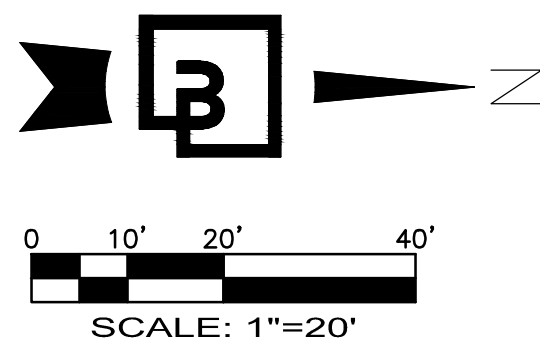


Job Number: **21585**
Sheet: **C20** of **44**

PRELIMINARY ROAD IMPROVEMENTS STA 50+00 TO 55+00

OF
FREEMAN LOGISTICS

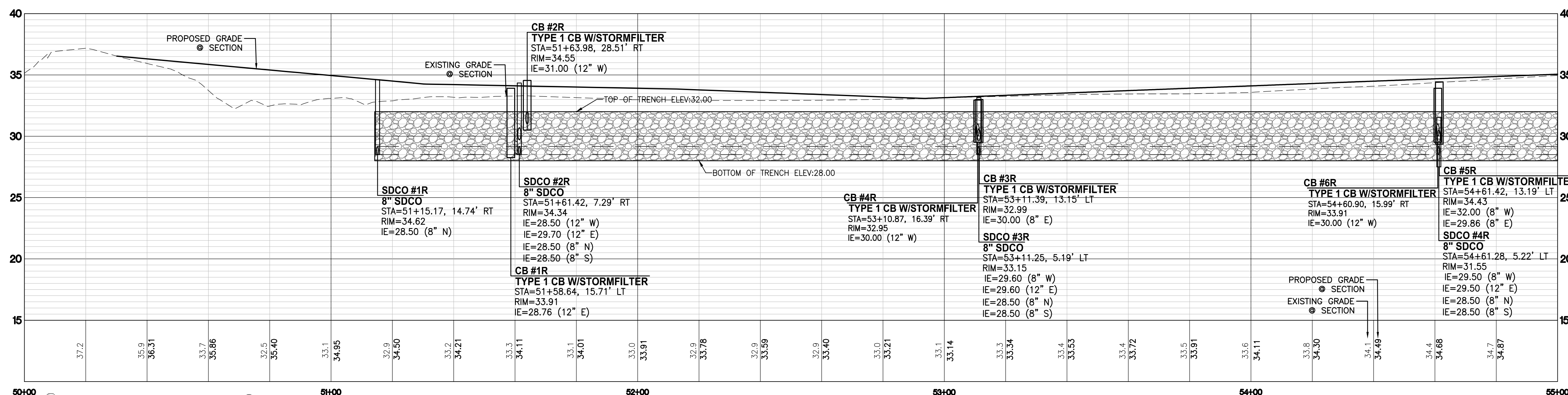
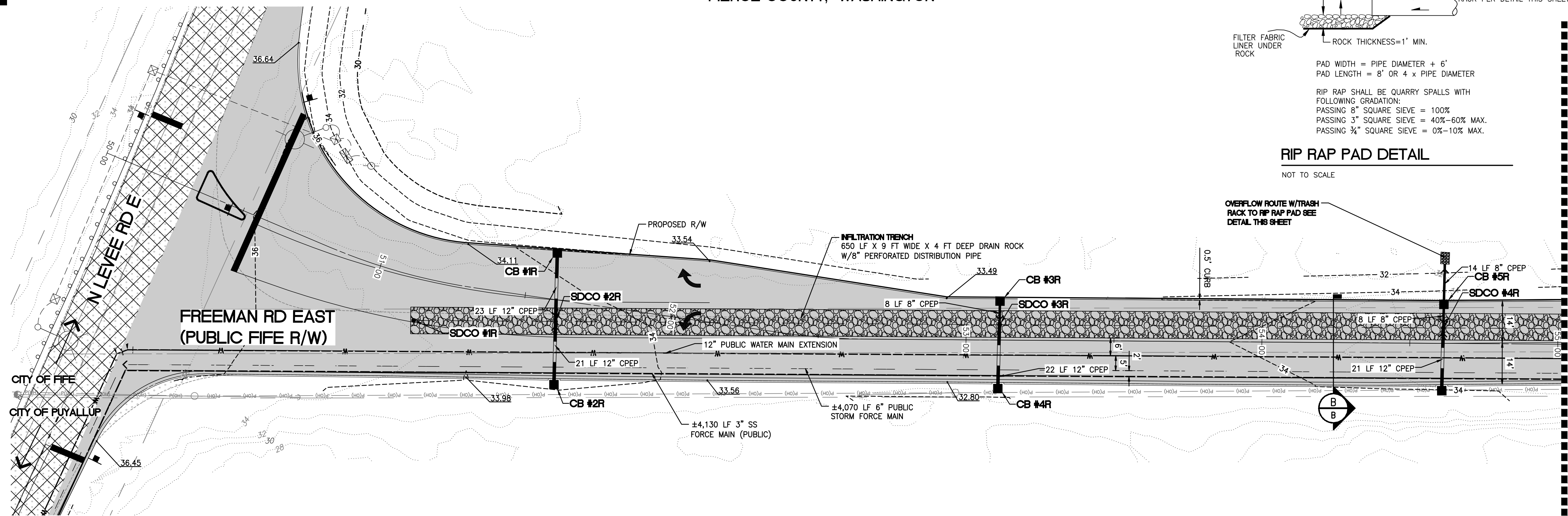
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



RIP RAP PAD DETAIL

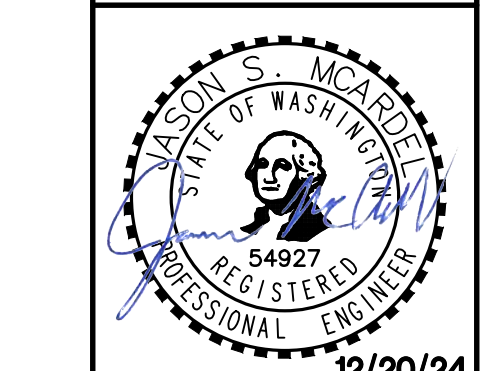
NOT TO SCALE

MATCHLINE STA 55+00 SEE SHEET C22 FOR CONTINUATION



Title: PRELIMINARY ROAD IMPROVEMENTS STA 50+00 TO 55+00 FOR FREEMAN LOGISTICS

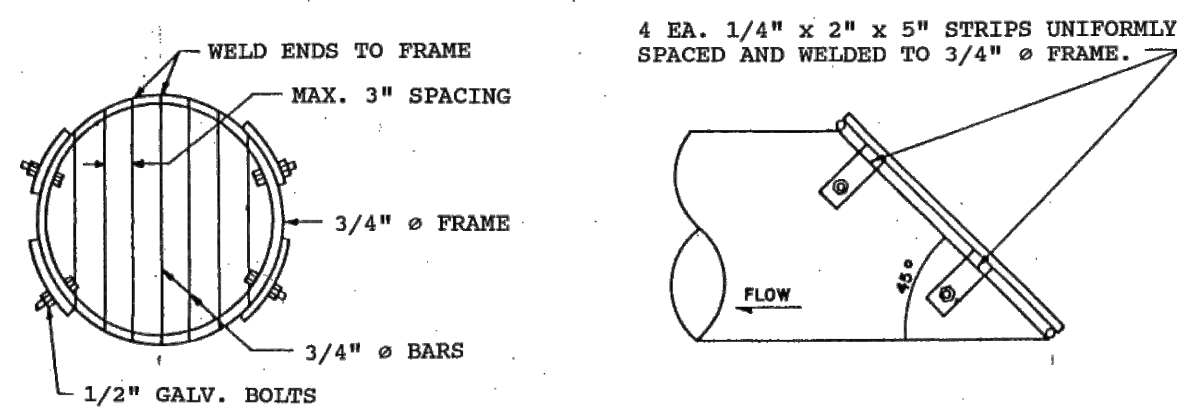
For: VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale: Horizontal 1"=20', Vertical 1"=5'
Designed: JSM, Drawn: DTC, Checked: JSM, Approved: JSM, Date: 12/20/24

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Kent, WA 98032
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Job Number: 21585
Sheet: C21 of 44



18" AND LARGER PIPE

NOTE: ALL STEEL PARTS TO BE GALVANIZED AND ASPHALT COATED (TREATMENT I OR BETTER).

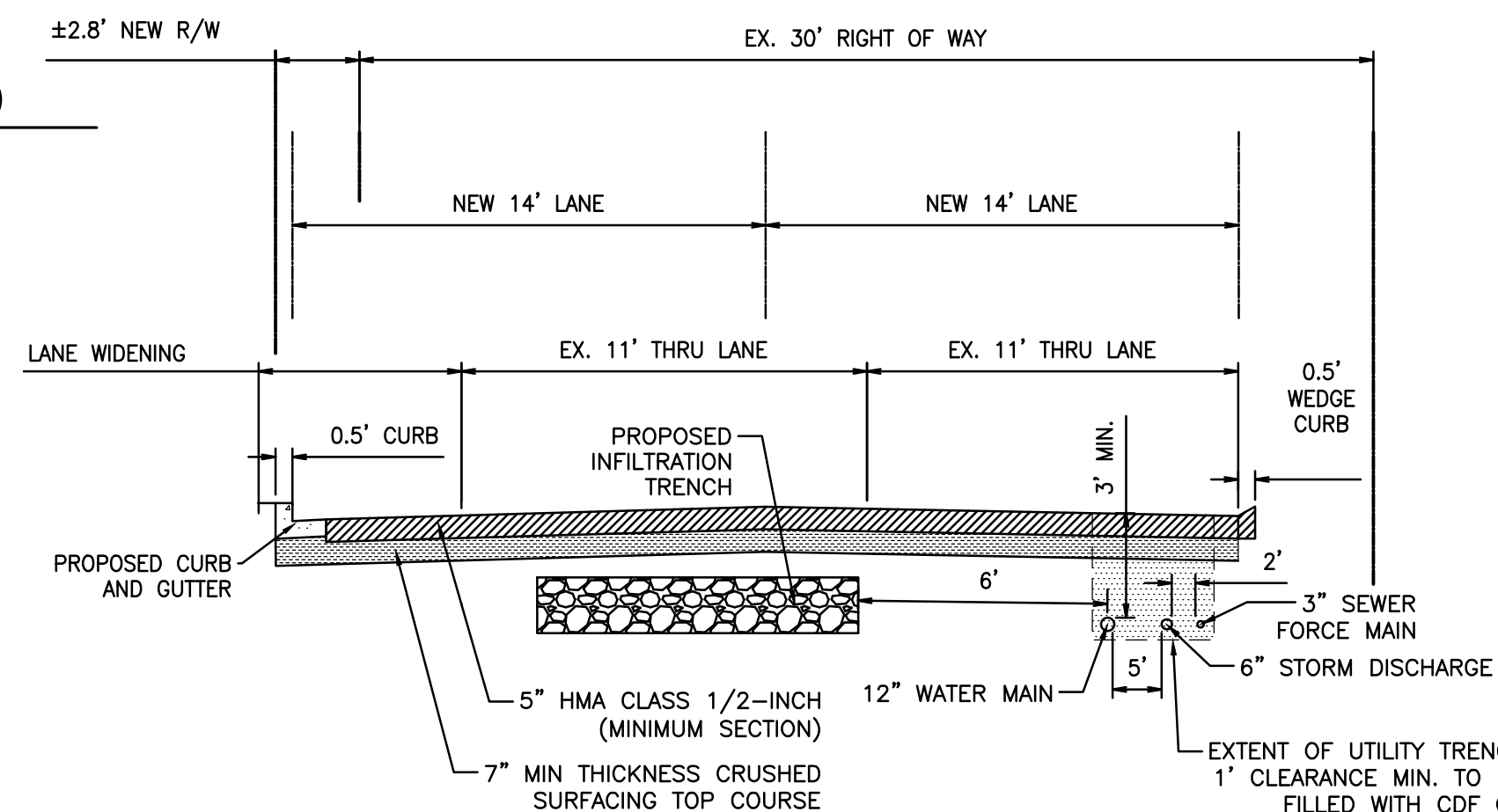
TRASH RACK DETAIL

FREEMAN ROAD EAST

±2.8' NEW R/W EX. 30' RIGHT OF WAY

STA: 50+00 TO 55+00

SCALE: HORIZ. 1"=20' VERT. 1"=5'



FREEMAN ROAD EAST SECTION B

NOT TO SCALE

FRONTAGE LEGEND:

(NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)

- TYPE II CATCH BASIN
- TYPE I CATCH BASIN
- STORM DRAIN FLOW ARROW
- STORM DRAINAGE LINE
- FIRE HYDRANT
- WATER VALVE
- CONCRETE BLOCKING
- 90° BEND
- SPOT ELEVATIONS
- CONTOURS
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVEMENT
- GRIND AND HMA CLASS 1/2" OVERLAY

UTILITY CONFLICT NOTE:

CAUTION:

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ENGINEER'S REVIEW
 APPROVED
 APPROVED AS CORRECTED
 REVISED AND RESUBMIT
 REJECTED
 FOR INFORMATION ONLY
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BY: _____ DATE: _____

APPROVED

BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING

DATE: _____

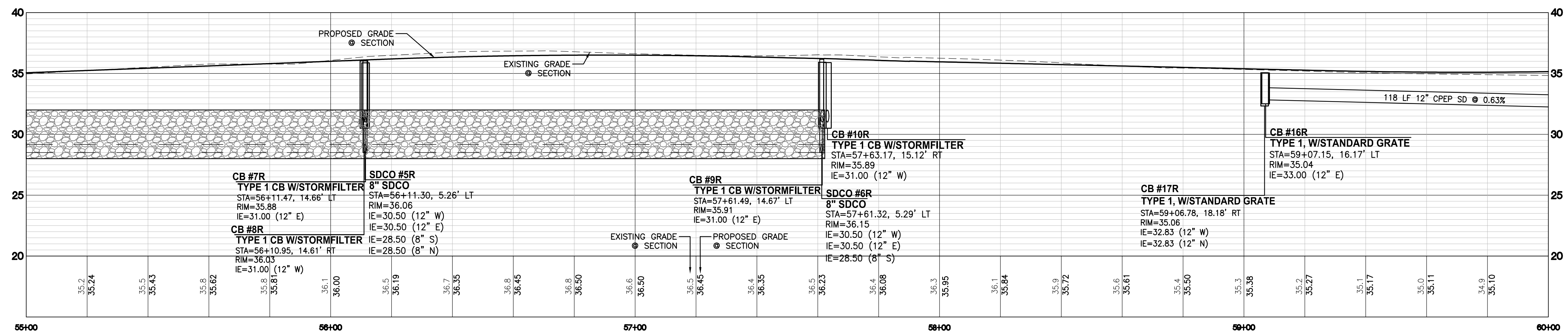
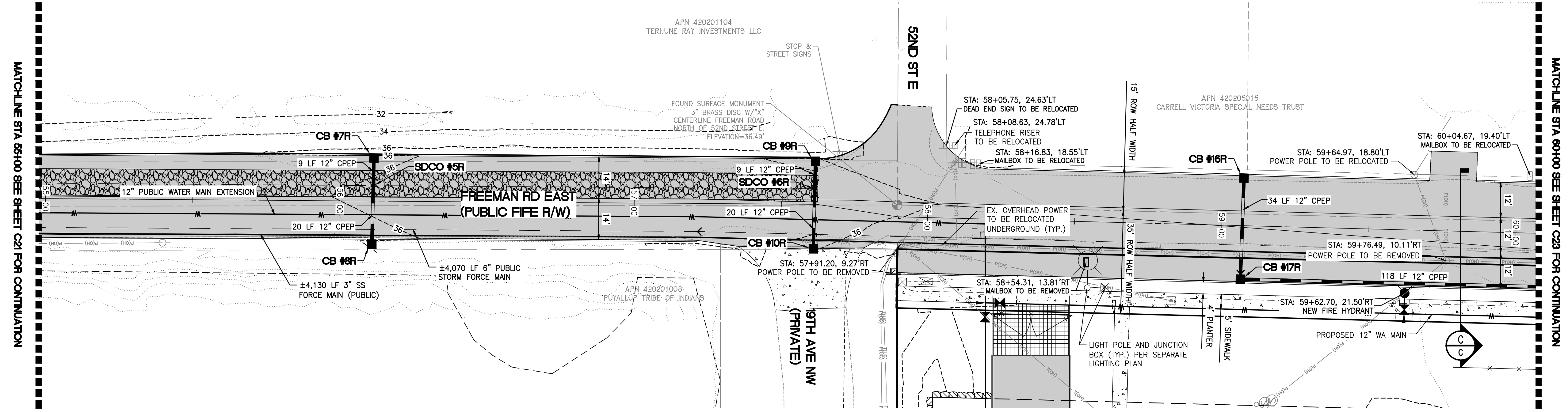
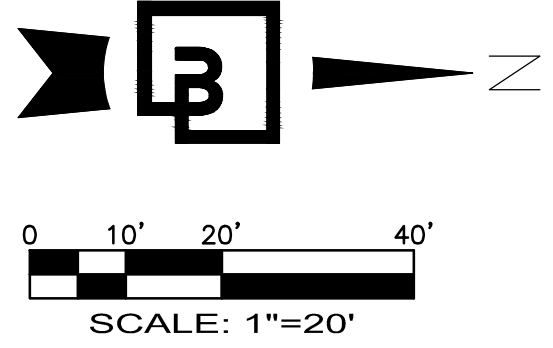
CALL BEFORE YOU DIG:
1-800-424-5555

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

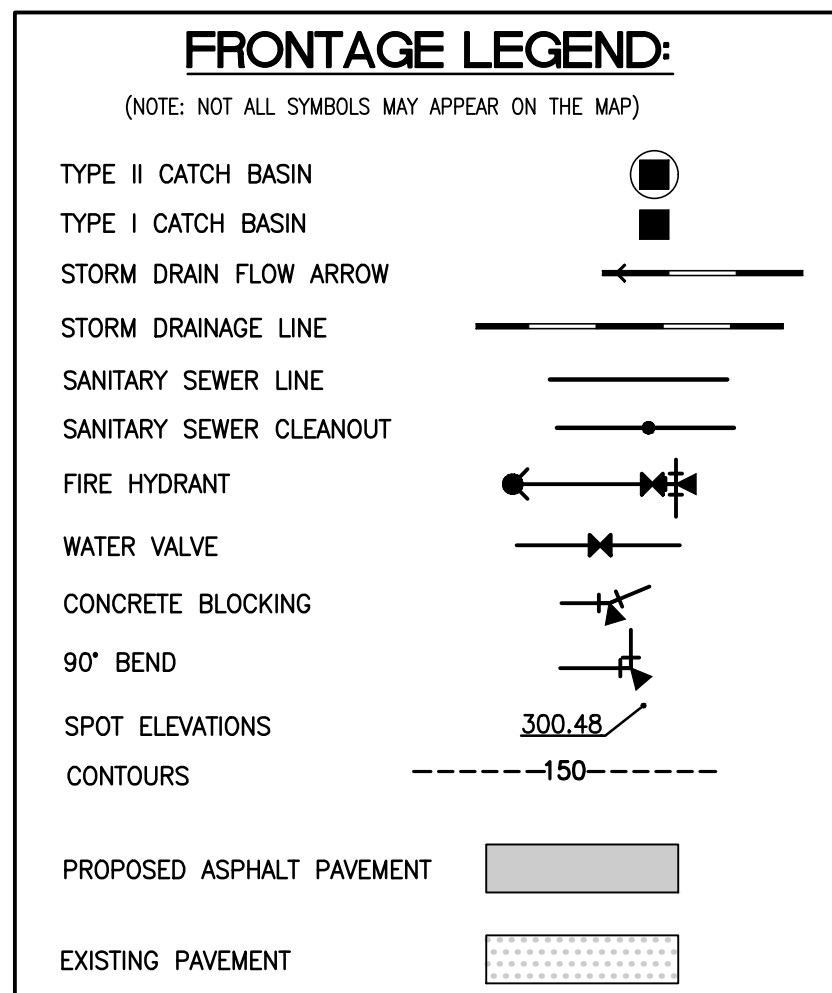
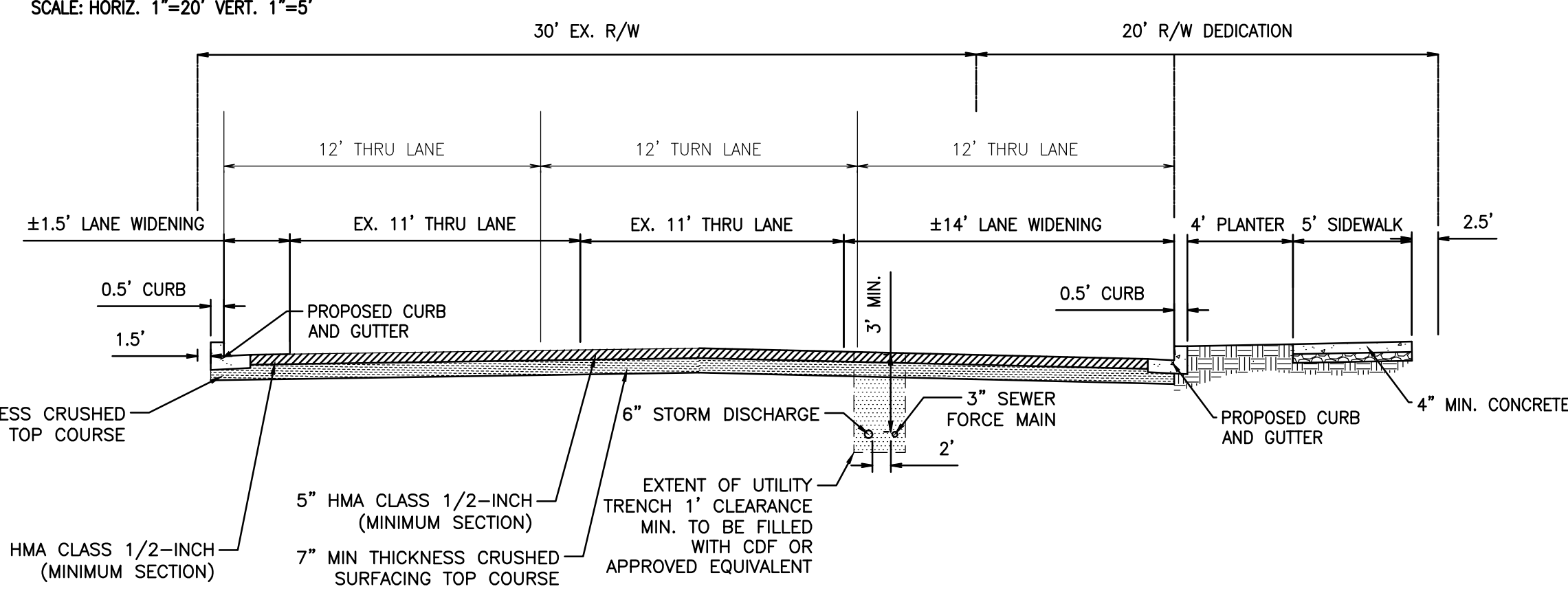
PRELIMINARY ROAD IMPROVEMENTS STA 55+00 TO 60+00

OF
FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



FREEMAN ROAD EAST SECTION C STA: 55+00 TO 60+00



ENGINEER'S REVIEW

<input type="checkbox"/> APPROVED	
<input type="checkbox"/> APPROVED AS CORRECTED	
<input type="checkbox"/> REVISED AND RESUBMIT	
<input type="checkbox"/> REJECTED	
<input type="checkbox"/> FOR INFORMATION ONLY	

BY: _____ DATE: _____

CALL BEFORE YOU DIG:
1-800-424-5555

UTILITY CONFLICT NOTE:
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Revision

No.	Date	By	Appr.	SEPA	RESUBMITTAL
5	12/13/24	JSM	JSM		

Title: PRELIMINARY ROAD IMPROVEMENTS STA 55+00 TO 60+00 FOR FREEMAN LOGISTICS

For: VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

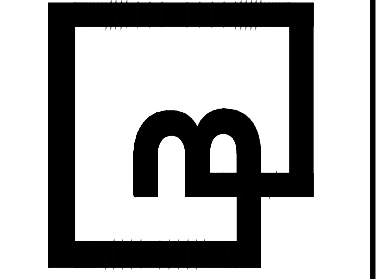


Scale:

Horizontal	1"=20'
Vertical	1"=5'

Designed: JSM
Drawn: DTC
Checked: JSM
Approved: JSM
Date: 12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

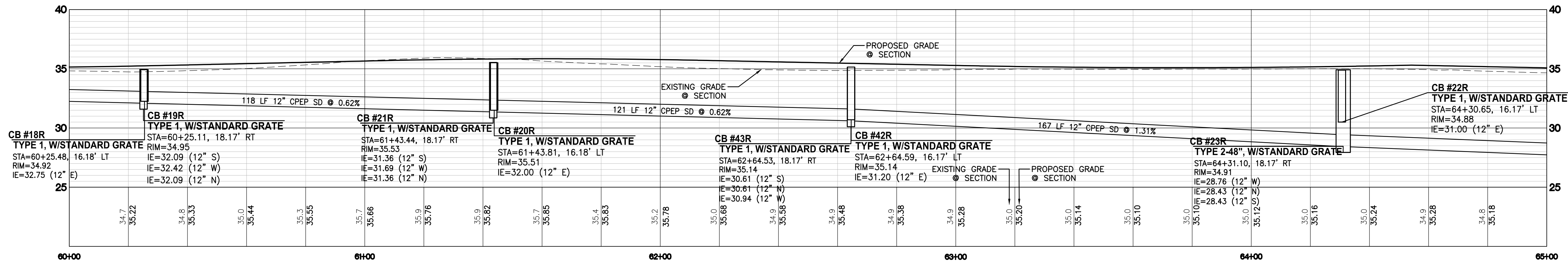
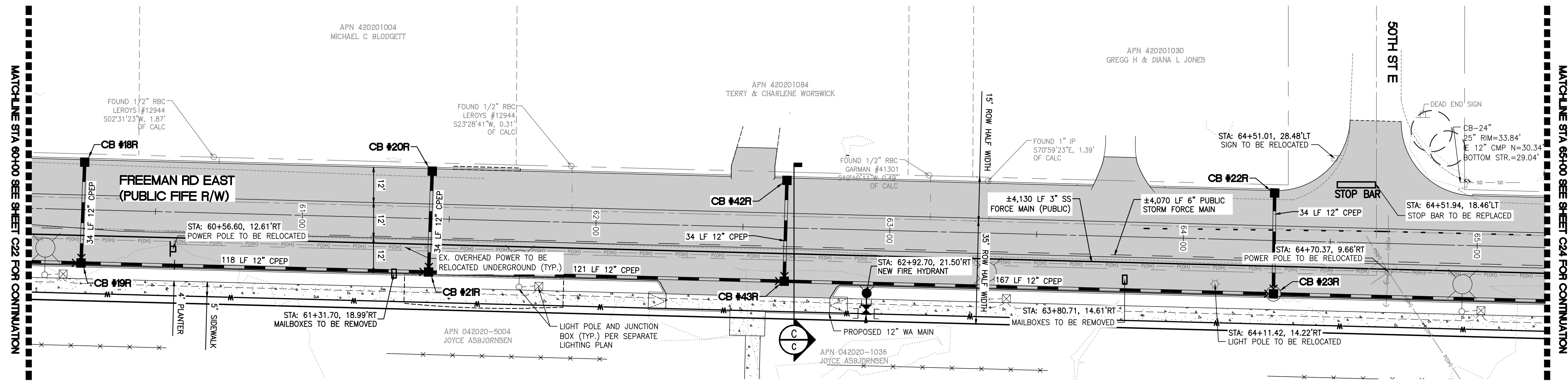
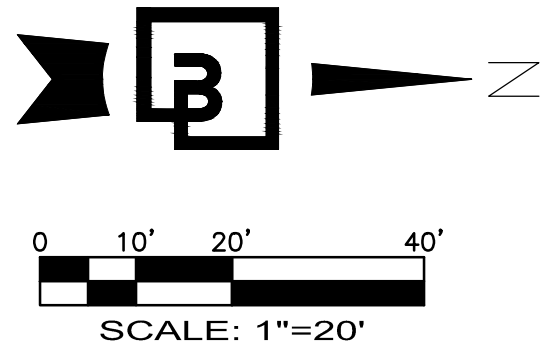


Job Number: 21585
Sheet: C22 of 44

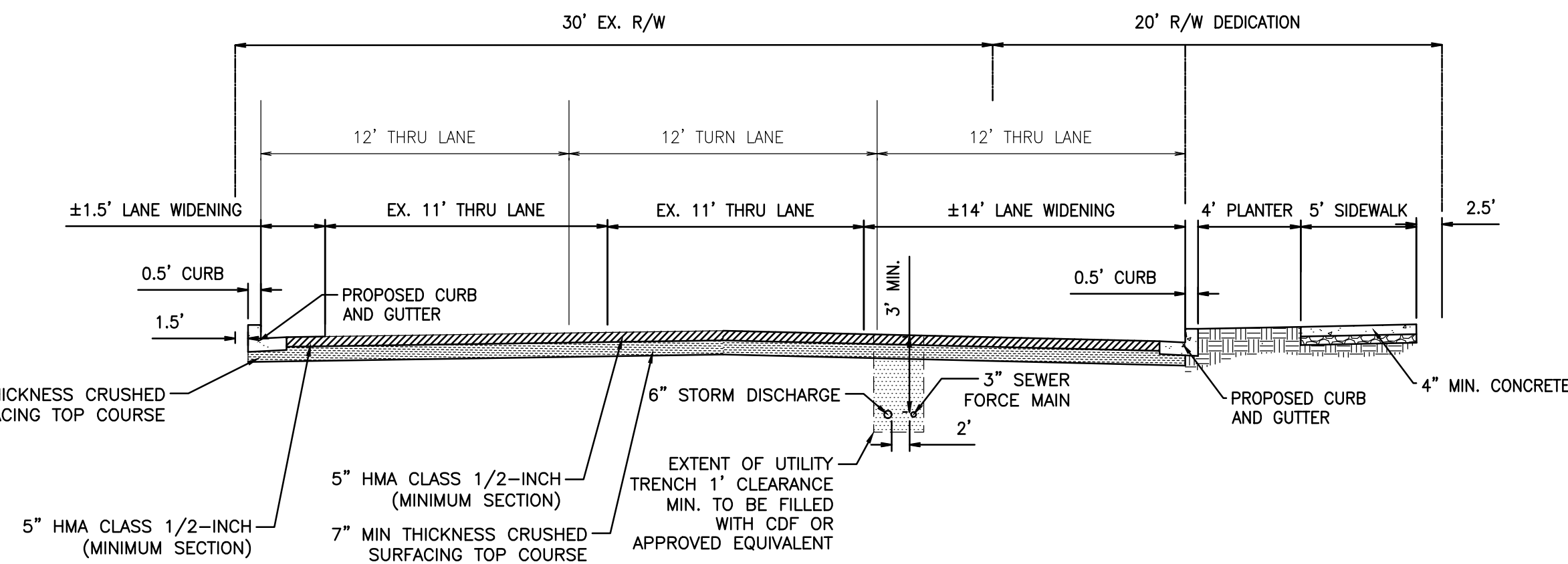
PRELIMINARY ROAD IMPROVEMENTS STA 60+00 TO 65+00

**OF
FREEMAN LOGISTICS**

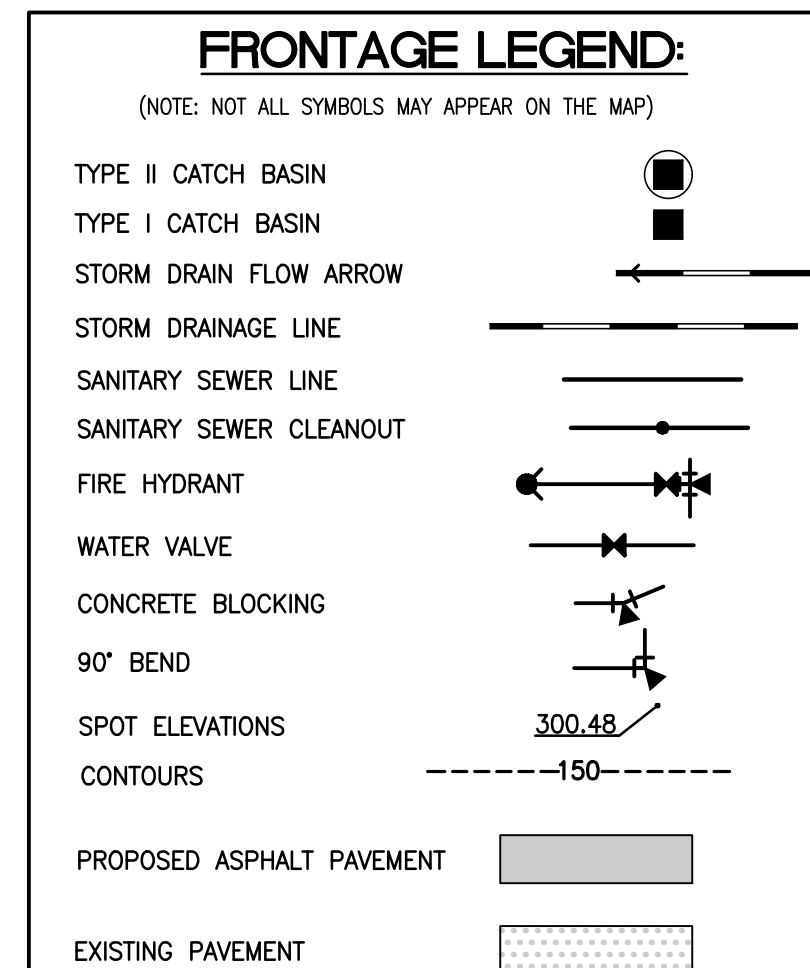
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



FREEMAN ROAD EAST § STA: 60+00 TO 65+00
SCALE: HORIZ. 1"=20' VERT. 1"=5'



FREEMAN ROAD EAST SECTION C
NOT TO SCALE



UTILITY CONFLICT NOTE:
CAUTION:
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CALL BEFORE YOU DIG:
1-800-424-5555

ENGINEER'S REVIEW
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 APPROVED AS CORRECTED
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BY: _____ DATE: _____

Barghausen Consulting Engineers, LLC.
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Kent, WA 98032
425.251.6222
barghausen.com



Scale: Horizontal 1"=20', Vertical 1"=5'
Designed: JSM, Drawn: DTC, Checked: JSM, Approved: JSM, Date: 12/20/24

Job Number: 21585
Sheet: C23 of 44

Title: **PRELIMINARY ROAD IMPROVEMENTS STA 60+00 TO 65+00 FOR FREEMAN LOGISTICS**

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

Revision	Date	By	Appr.
5	12/13/24	JSM	JSM

PRELIMINARY ROAD IMPROVEMENTS STA 65+00 TO 70+00

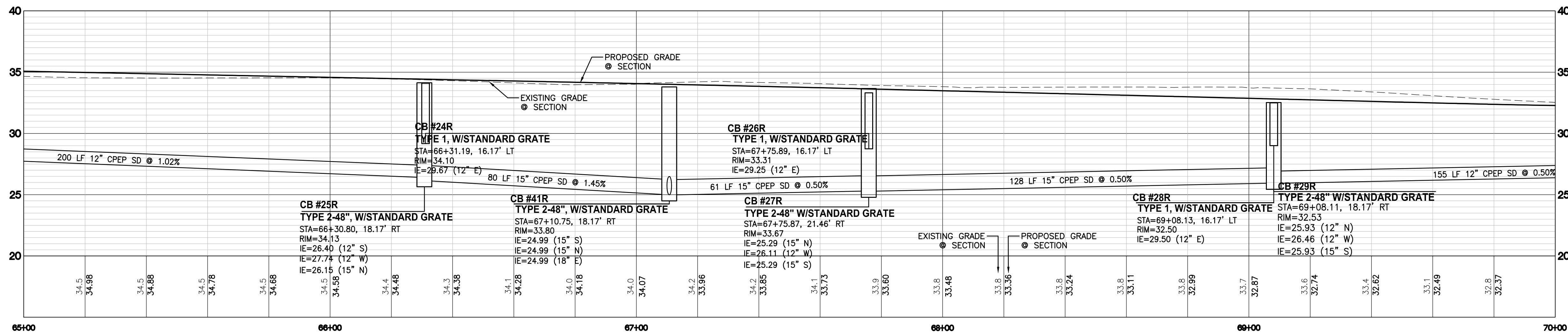
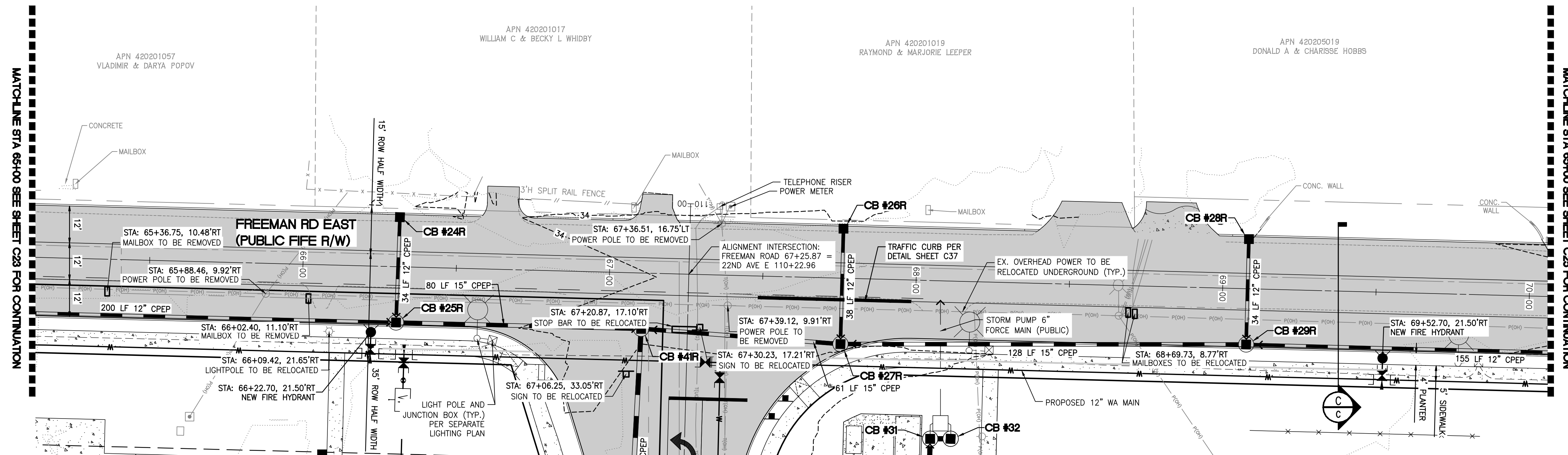
OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON

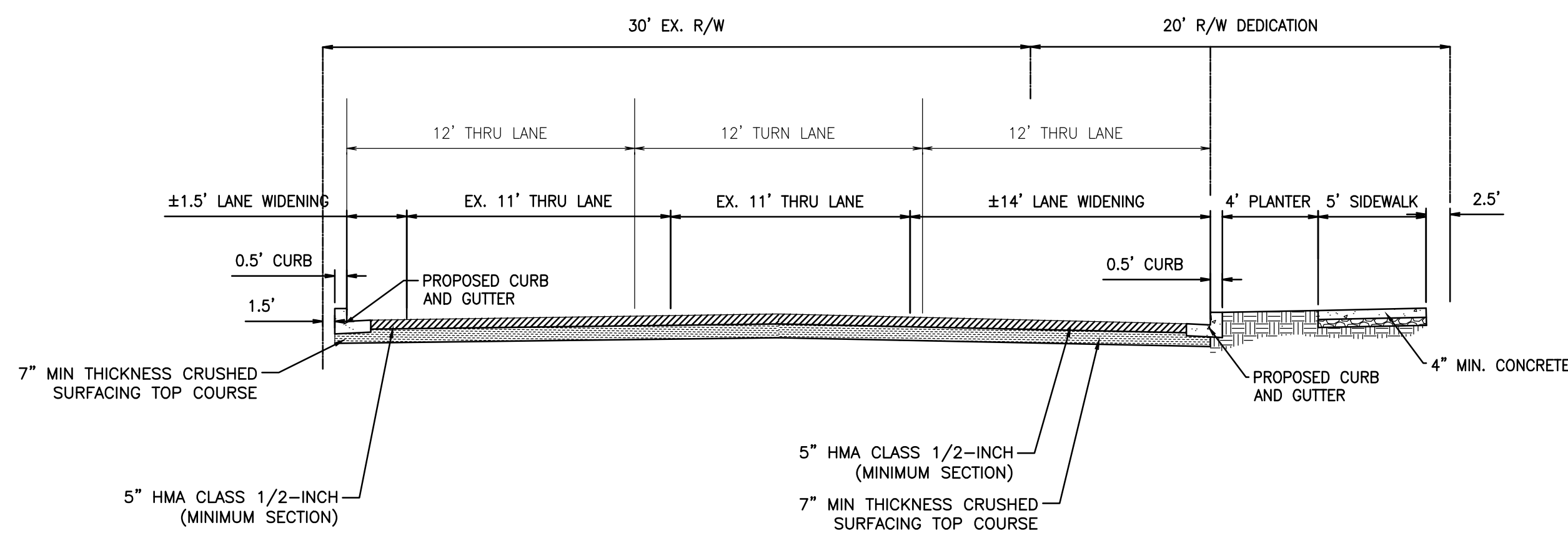


SCALE: 1"=20'



FREEMAN ROAD EAST @ STA: 65+00 TO 70+00

SCALE: HORIZ. 1"=20' VERT. 1"=5'



FREEMAN ROAD EAST SECTION C

NOT TO SCALE

FRONTAGE LEGEND:

(NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)

- TYPE II CATCH BASIN
- TYPE I CATCH BASIN
- STORM DRAIN FLOW ARROW
- STORM DRAINAGE LINE
- SANITARY SEWER LINE
- SANITARY SEWER CLEANOUT
- FIRE HYDRANT
- WATER VALVE
- CONCRETE BLOCKING
- 90° BEND
- SPOT ELEVATIONS
- CONTOURS
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVEMENT

ENGINEER'S REVIEW

- APPROVED
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- REVISED AND RESUBMIT
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BY: DATE

CALL BEFORE YOU DIG:
1-800-424-5555

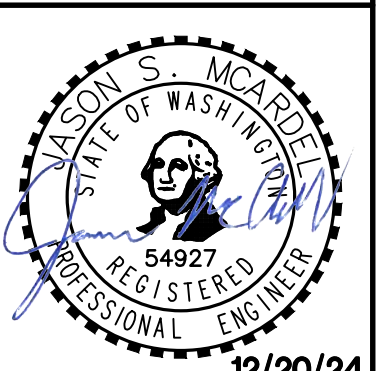
UTILITY CONFLICT NOTE:

CAUTION:
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No.	Date	By	Clk.	Appr.	SEPA	RESUBMITAL
5	12/13/24	JSM	JSM			

Title:
**PRELIMINARY ROAD IMPROVEMENTS
STA 65+00 TO 70+00
FOR
FREEMAN LOGISTICS**

For: **VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034**



Scale:
Horizontal 1"=20'
Vertical 1"=5'

Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

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Kent, WA 98032
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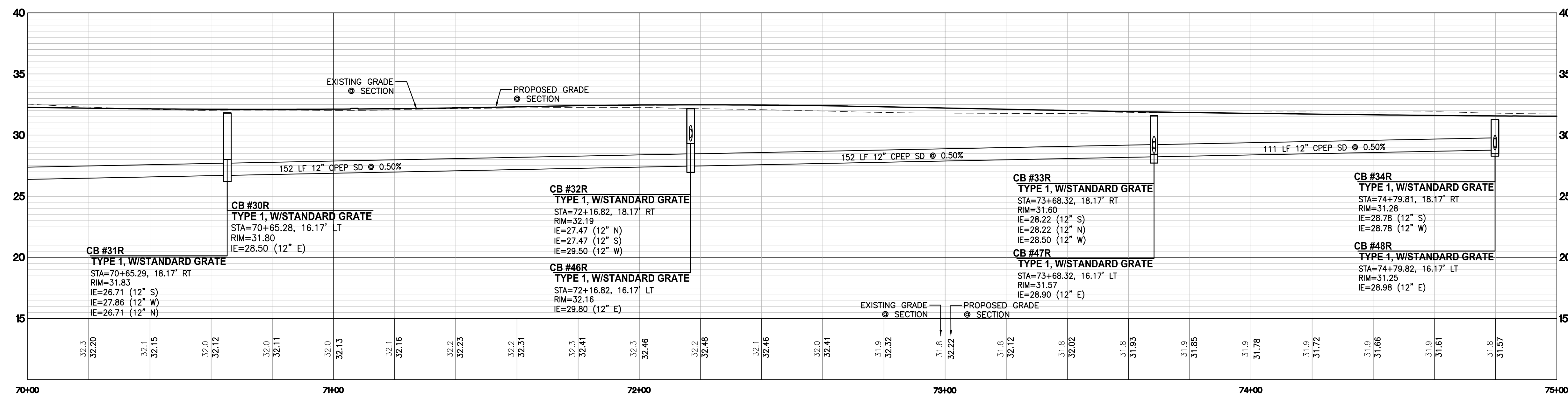
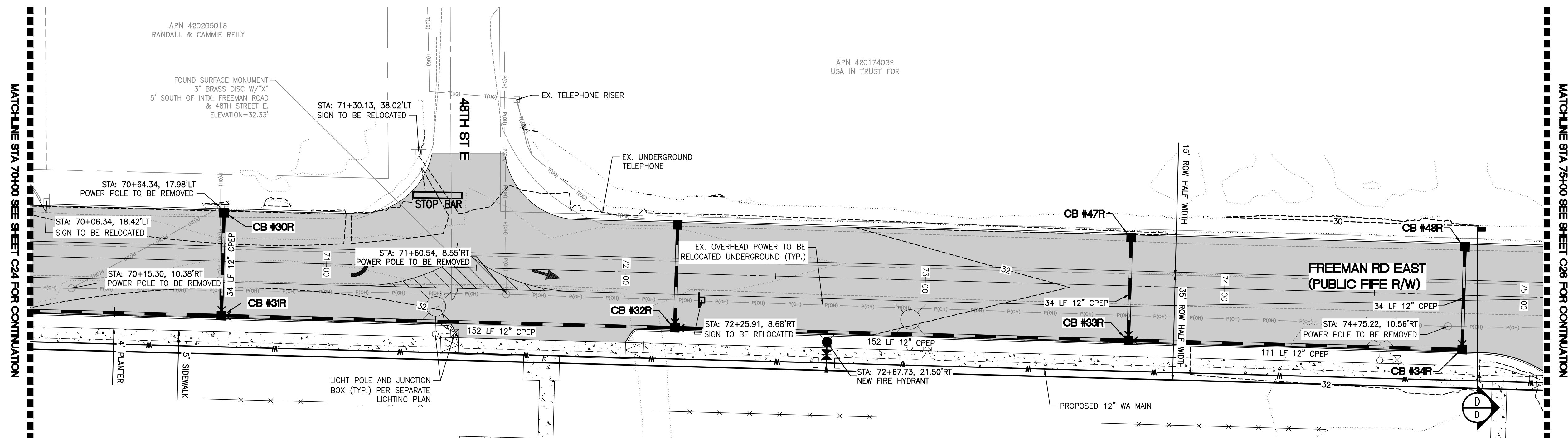
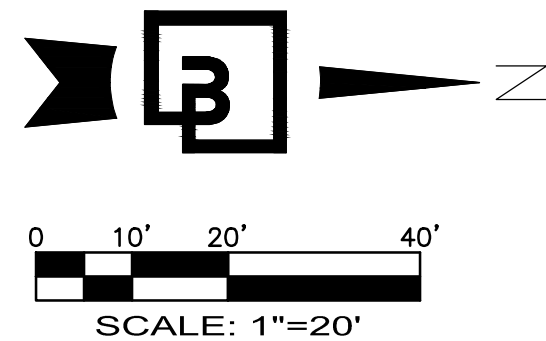
Job Number: **21585**
Sheet: **C24** of **44**

PRELIMINARY ROAD IMPROVEMENTS STA 70+00 TO 75+00

OF

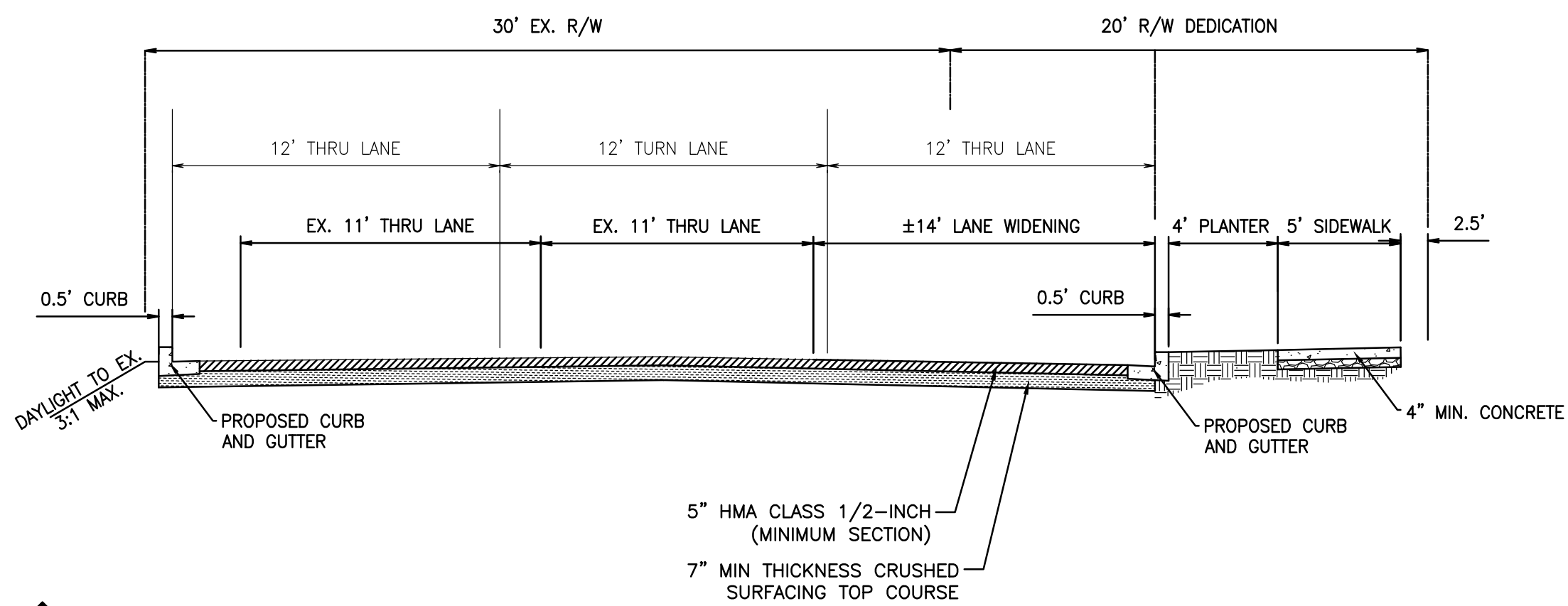
FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



FREEMAN ROAD EAST € STA: 70+00 TO 75+00

SCALE: HORIZ. 1"=20' VERT. 1"=5'



FREEMAN ROAD EAST SECTION D

NOT TO SCALE

FRONTAGE LEGEND:

(NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)

- TYPE II CATCH BASIN
- TYPE I CATCH BASIN
- STORM DRAIN FLOW ARROW
- STORM DRAINAGE LINE
- SANITARY SEWER LINE
- SANITARY SEWER CLEANOUT
- FIRE HYDRANT
- WATER VALVE
- CONCRETE BLOCKING
- 90° BEND
- SPOT ELEVATIONS
- CONTOURS
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVEMENT

- ENGINEER'S REVIEW**
- APPROVED
 - APPROVED AS CORRECTED
 - REVISED AND RESUBMIT
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- BY: _____ DATE: _____

CALL BEFORE YOU DIG:
1-800-424-5555

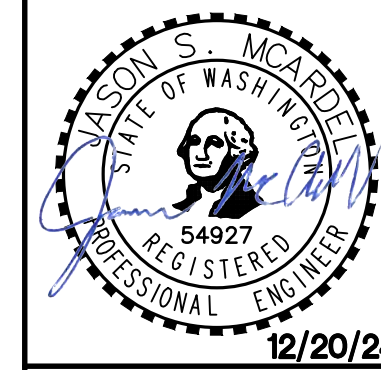
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Revision	Date	By	Appr.
5	12/13/24	DTC	JSM
		JSM	JSM
		SEPA	RESUBMITTAL

Title: **PRELIMINARY ROAD IMPROVEMENTS STA 70+00 TO 75+00**
FOR **FREEMAN LOGISTICS**

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



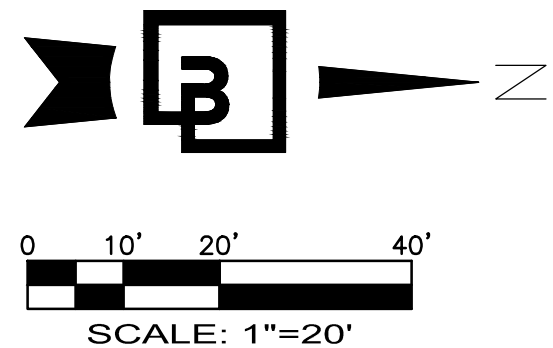
Scale: Horizontal 1"=20', Vertical 1"=5'

Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

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18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

Job Number: **21585**
Sheet: **C25** of **44**

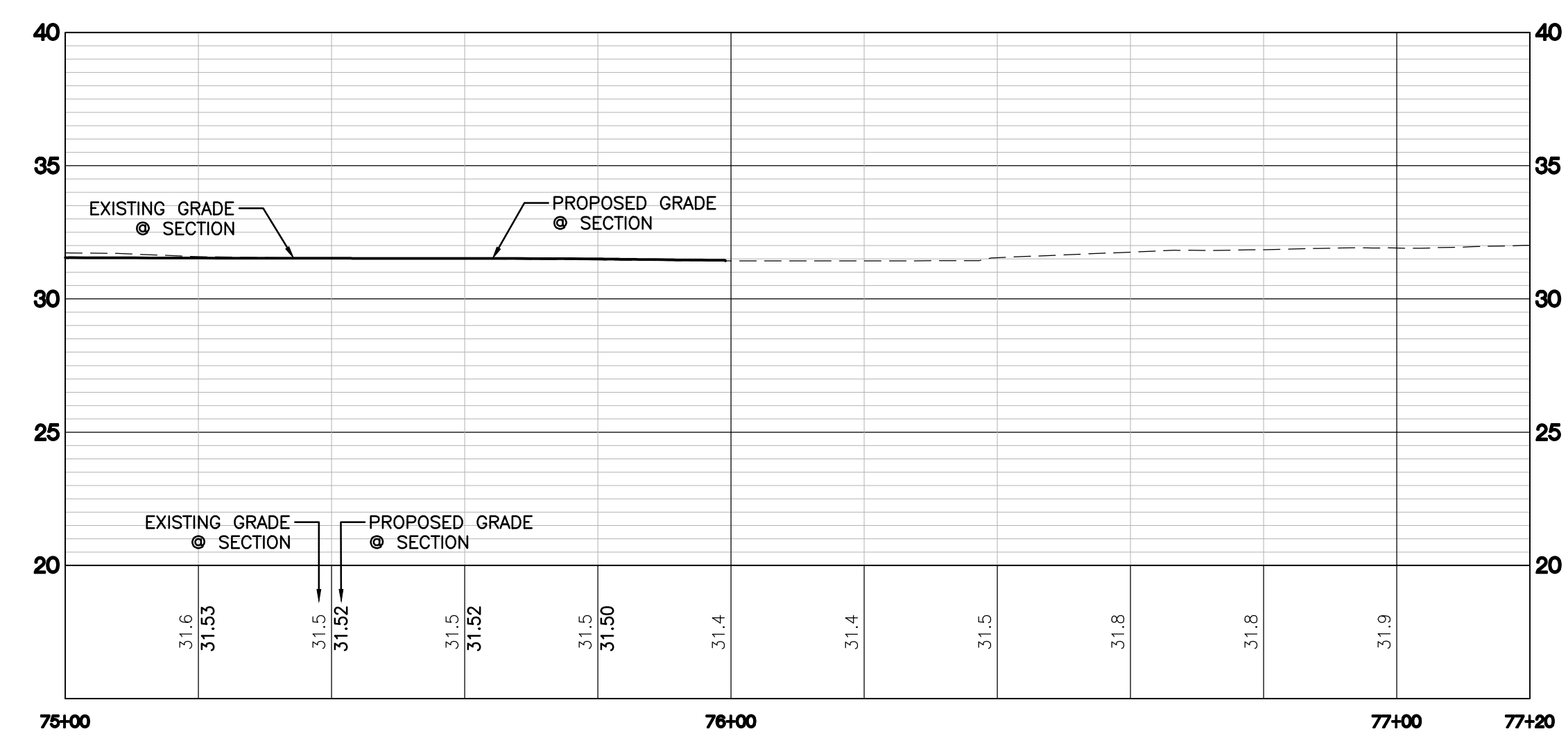
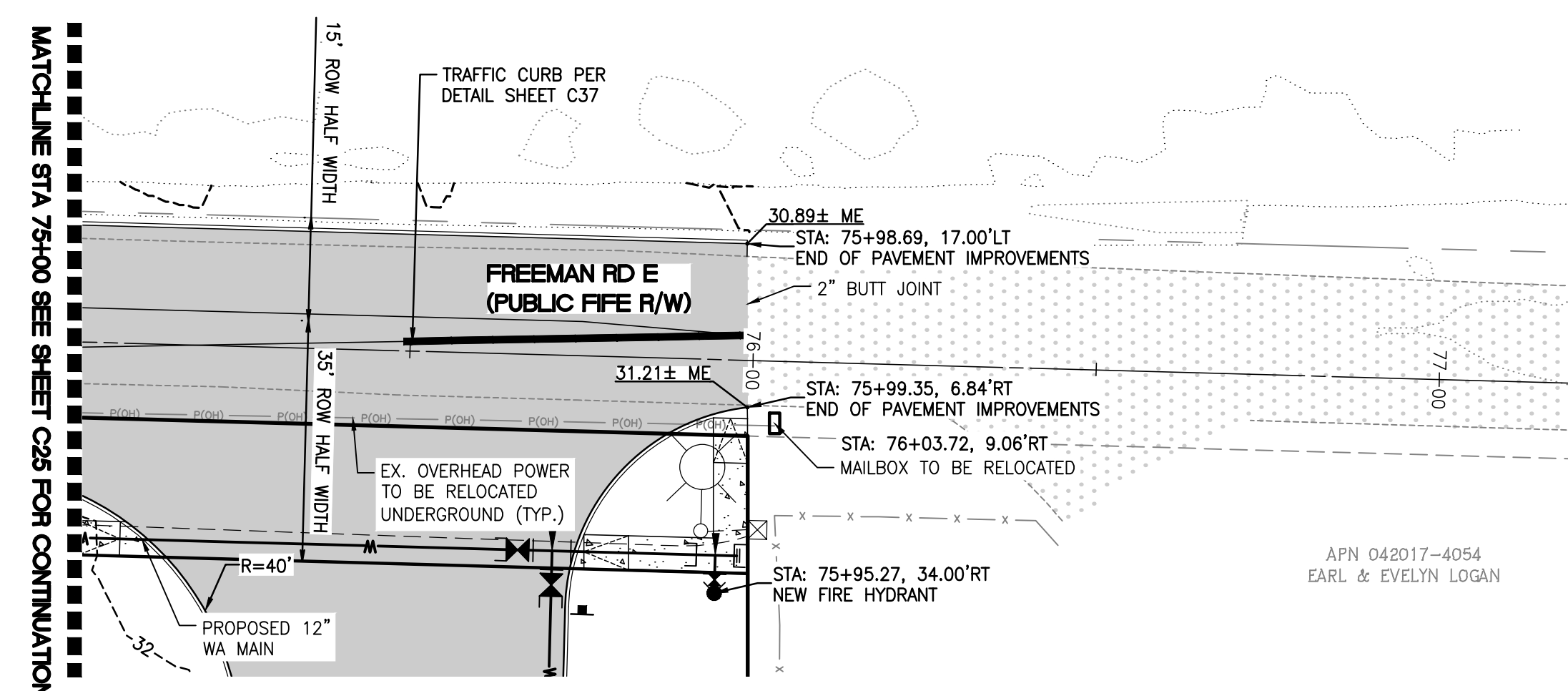
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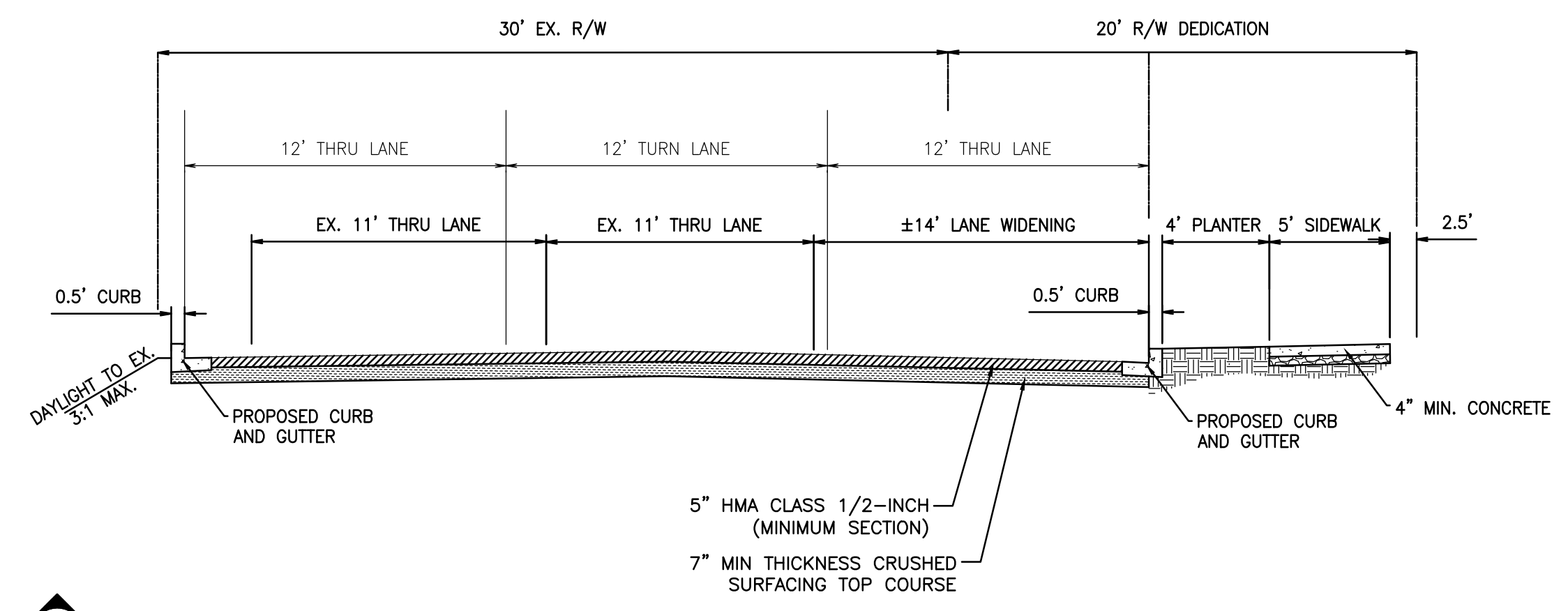
PRELIMINARY ROAD IMPROVEMENTS STA 75+00 TO 77+20

OF
FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



FREEMAN ROAD EAST @ STA: 75+00 TO 77+20
SCALE: HORIZ. 1"=20' VERT. 1"=5'



FREEMAN ROAD EAST SECTION D
NOT TO SCALE

FRONTAGE LEGEND:
(NOTE: NOT ALL SYMBOLS MAY APPEAR ON THE MAP)

- TYPE II CATCH BASIN
- TYPE I CATCH BASIN
- STORM DRAIN FLOW ARROW
- STORM DRAINAGE LINE
- SANITARY SEWER LINE
- SANITARY SEWER CLEANOUT
- FIRE HYDRANT
- WATER VALVE
- CONCRETE BLOCKING
- 90° BEND
- SPOT ELEVATIONS
- CONTOURS
- PROPOSED ASPHALT PAVEMENT
- EXISTING PAVEMENT

ENGINEER'S REVIEW

APPROVED

APPROVED AS CORRECTED

REVISE AND RESUBMIT

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BY: _____ DATE: _____

CALL BEFORE YOU DIG:
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UTILITY CONFLICT NOTE:
CAUTION:
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No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL
5	12/13/24					

Title:
**PRELIMINARY ROAD IMPROVEMENTS
STA 75+00 TO 77+20
FOR
FREEMAN LOGISTICS**

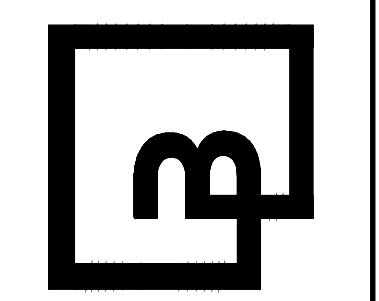
For:
**VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034**



Scale:
Horizontal 1"=20'
Vertical 1"=5'

Designed	Drawn	Checked	Approved	Date
___JSM	___DTC	___JSM	___JSM	12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com



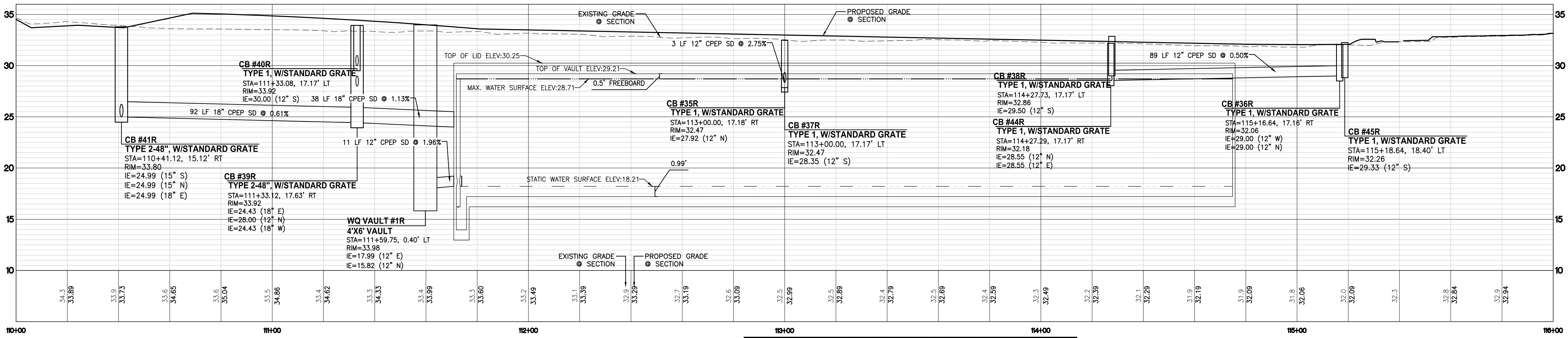
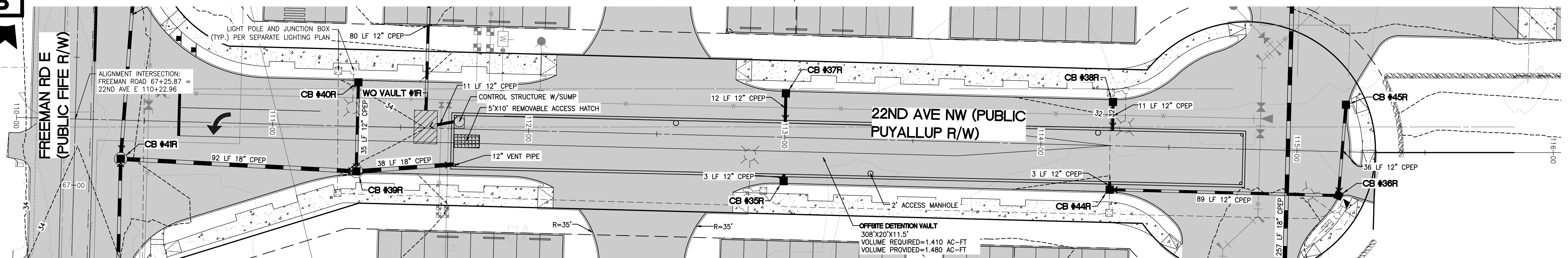
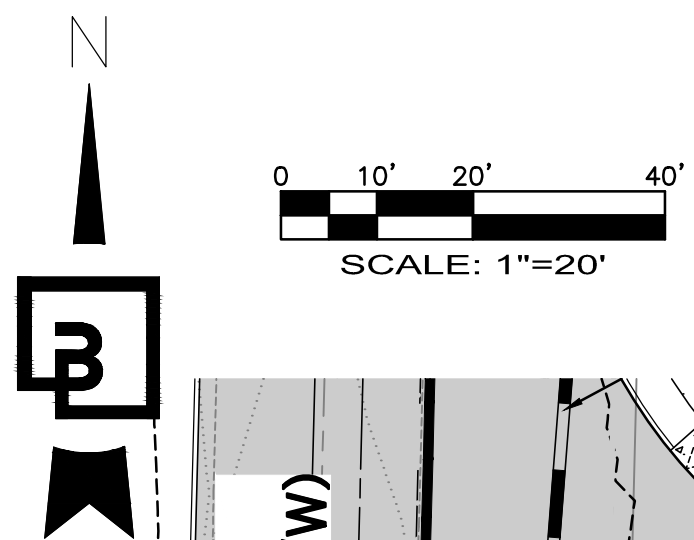
Job Number
21585

Sheet
C26 of **44**

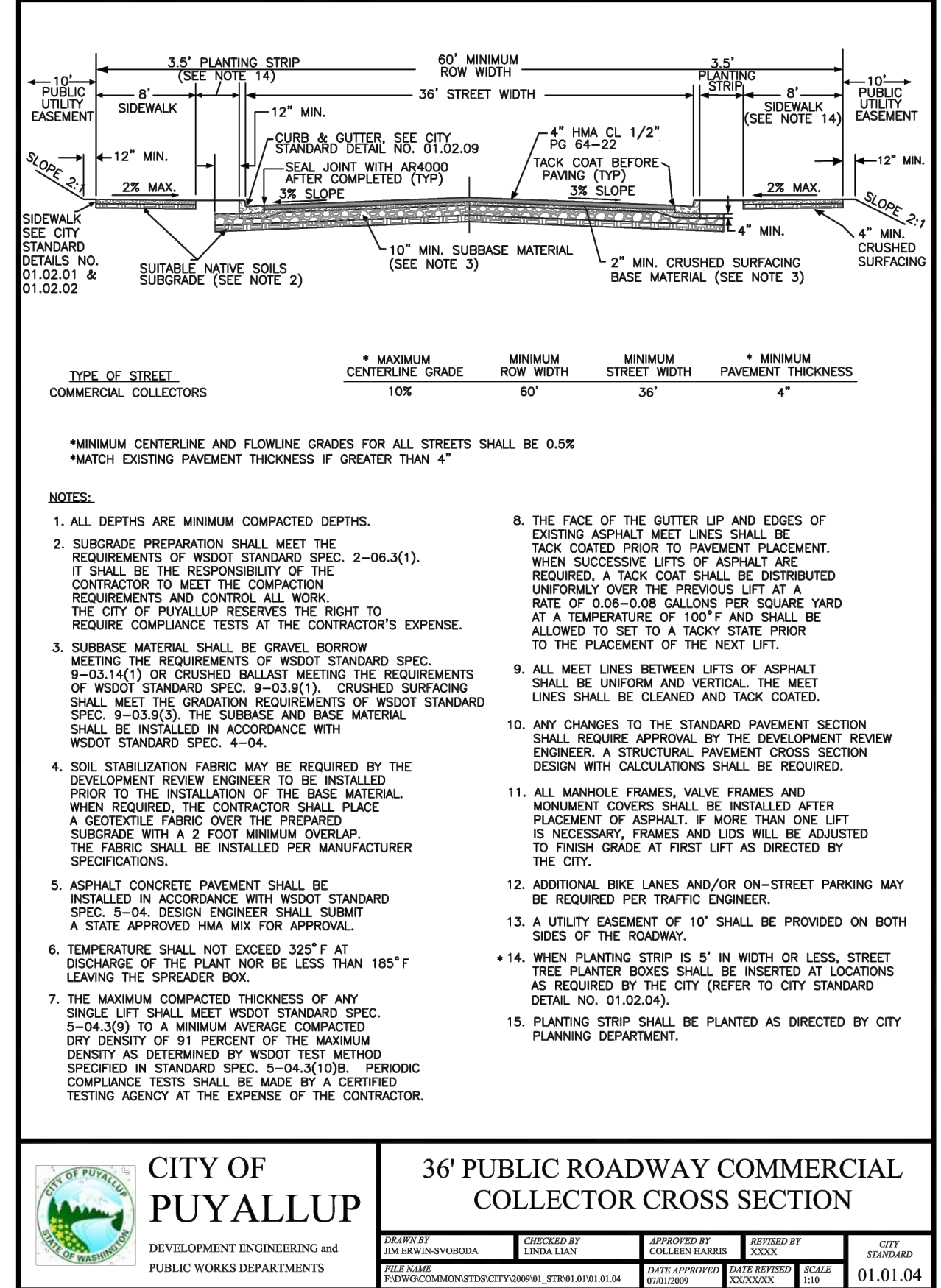
PRELIMINARY ROAD IMPROVEMENTS 22ND AVE NW

**OF
FREEMAN LOGISTICS**

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



22ND AVE EAST @ STA: 110+00 TO 116+00
SCALE: HORIZ. 1"=20' VERT. 1"=5'



CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

36" PUBLIC ROADWAY COMMERCIAL COLLECTOR CROSS SECTION

DESIGNED BY: TERRY B. BARGHAUSEN	CHECKED BY: LINDA LANT	APPROVED BY: COLLEEN HARRIS	DATE: 01.01.24
PROJECT NO: 21000A-21585	FILE NO: 21000A-21585	DATE: 12/20/24	01.01.24

UTILITY CONFLICT NOTE:
CAUTION:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNWRITTEN PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

CALL BEFORE YOU DIG!
1-800-424-5555

APPROVED
BY: _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE: _____

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

No.	Date	By	Appr.	Revision
5	12/13/24	JSM	JSM	SEPA RESUBMITTAL

Title: **PRELIMINARY ROAD IMPROVEMENTS 22ND AVE NW FOR FREEMAN LOGISTICS**

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale: Horizontal 1"=20', Vertical 1"=5'
Designed: JSM
Drawn: DTC
Checked: JSM
Approved: JSM
Date: 12/20/24

Barghausen Consulting Engineers, LLC.
1825 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

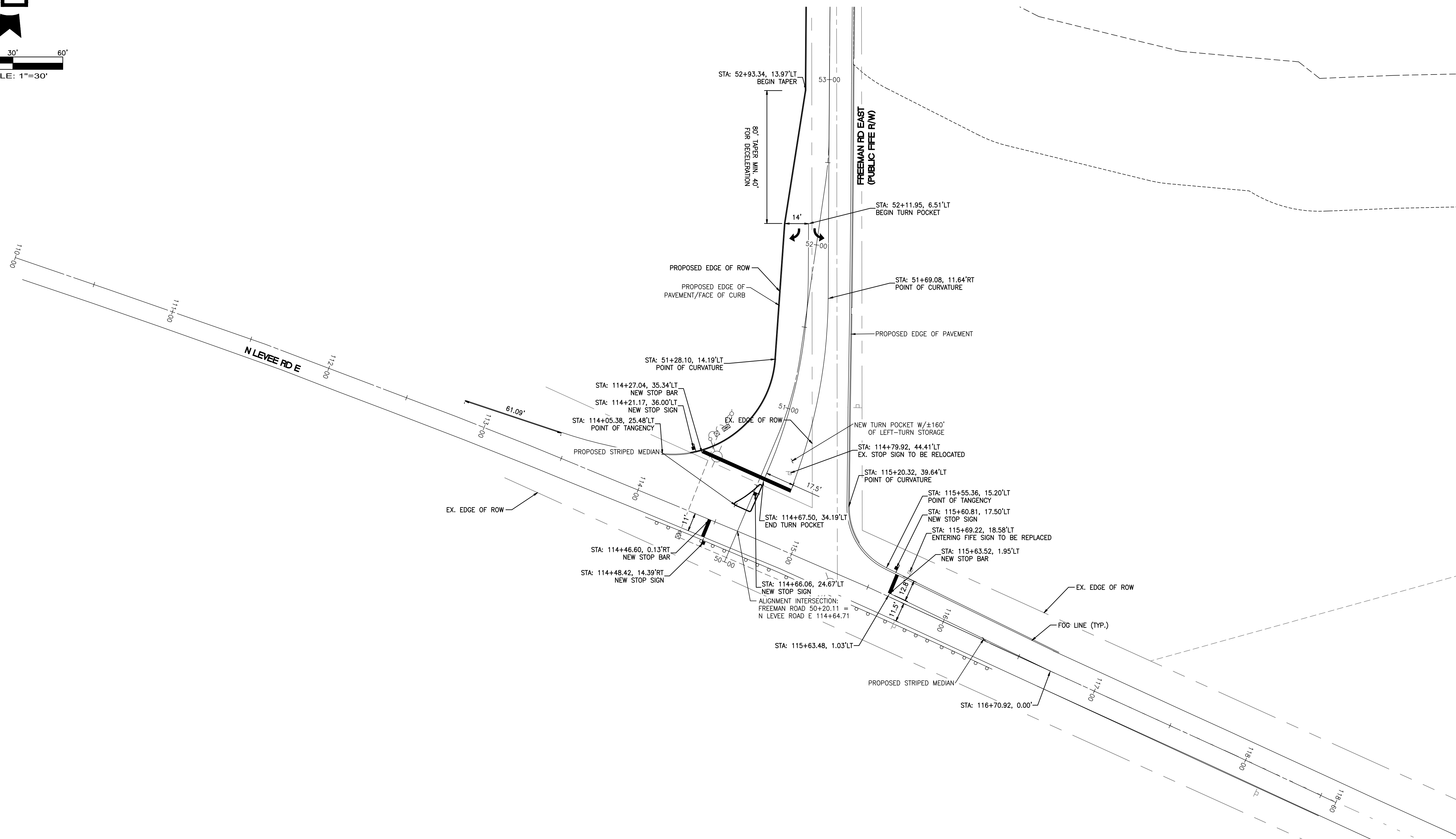
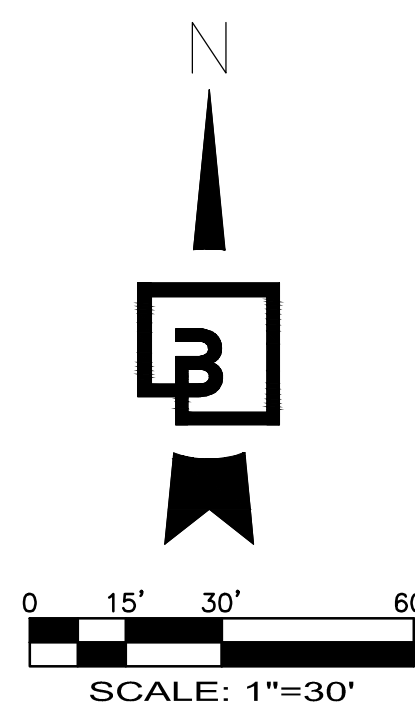
Job Number: **21585**
Sheet: **44**
of **44**
C27

PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN

OF

FREEMAN LOGISTICS

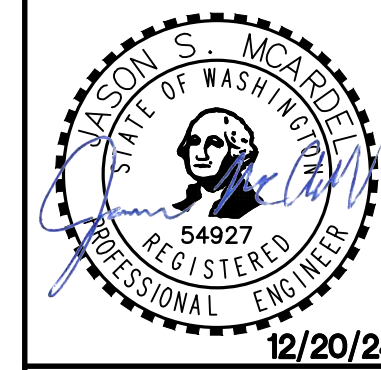
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



No.	Date	By	Clk.	Appr.	SEPA	RESUBMITAL
5	12/13/24	JSM	JSM			

Title: **PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN**
FOR **FREEMAN LOGISTICS**

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:	Horizontal	Vertical
	1"=30'	N/A
Designed	JSM	
Drawn	DTC	
Checked	JSM	
Approved	JSM	
Date	12/20/24	

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222 barghausen.com

CALL BEFORE YOU DIG:
1-800-424-5555

UTILITY CONFLICT NOTE:
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ENGINEER'S REVIEW
 APPROVED
 APPROVED AS CORRECTED
 REVISE AND RESUBMIT
 REJECTED
 FOR INFORMATION ONLY

THE CITY'S REVIEW IS NOT A CONFIRMATION OF ANY DIMENSION OR QUANTITIES SHOWN IN THE PLANS AND WILL NOT RELIEVE THE DEVELOPER OR ENGINEER FROM RESPONSIBILITY FOR PLANS ERRORS. NO CHANGES SHALL BE MADE TO THE PLANS EXCEPT WITH THE CONSENT OF THE CITY ENGINEER. IF CONSTRUCTION HAS NOT COMMENCED WITHIN A REASONABLE PERIOD OF THE APPROVAL DATE, PLANS WILL REQUIRE RE-APPROVAL BY THE CITY.

BY _____ DATE _____

APPROVED

BY _____ CITY OF PUYALLUP DEVELOPMENT ENGINEERING
DATE _____

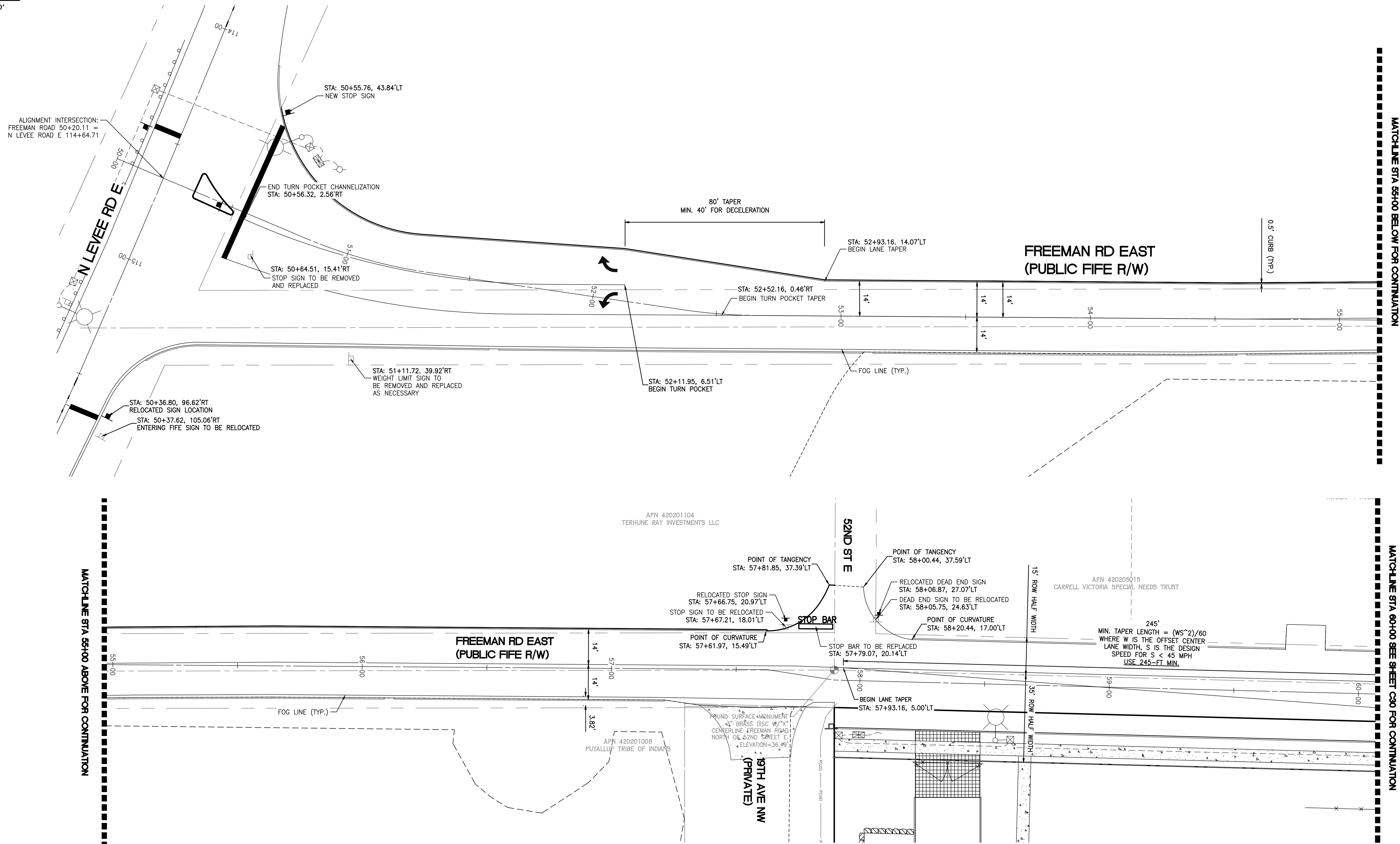
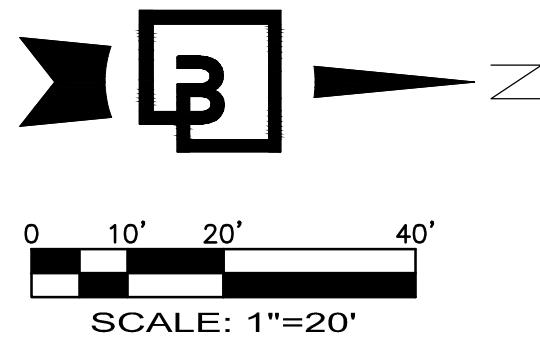
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

Job Number: **21585**
Sheet: **C28** of **44**

PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN STA 50+00 TO 60+00

OF
FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



Revision	SEPA	JSM	JSM	JSM	Appr.
5	12/13/24	DTC	JSM	JSM	JSM
No.	Date	By	Clk.	Appr.	

Title:
PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN STA 50+00 TO 60+00
FOR
FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:	Horizontal	Vertical
	1"=20'	N/A
Designed	JSM	
Drawn	DTC	
Checked	JSM	
Approved	JSM	
Date	12/20/24	

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

CALL BEFORE YOU DIG:
1-800-424-5555

UTILITY CONFLICT NOTE:
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ENGINEER'S REVIEW
 APPROVED
 APPROVED AS CORRECTED
 REVISE AND RESUBMIT
 REJECTED
 FOR INFORMATION ONLY

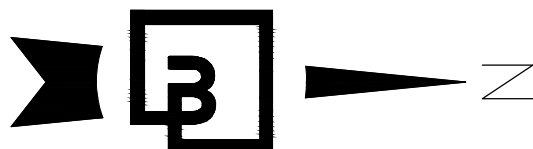
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BY _____ DATE _____

Job Number
21585

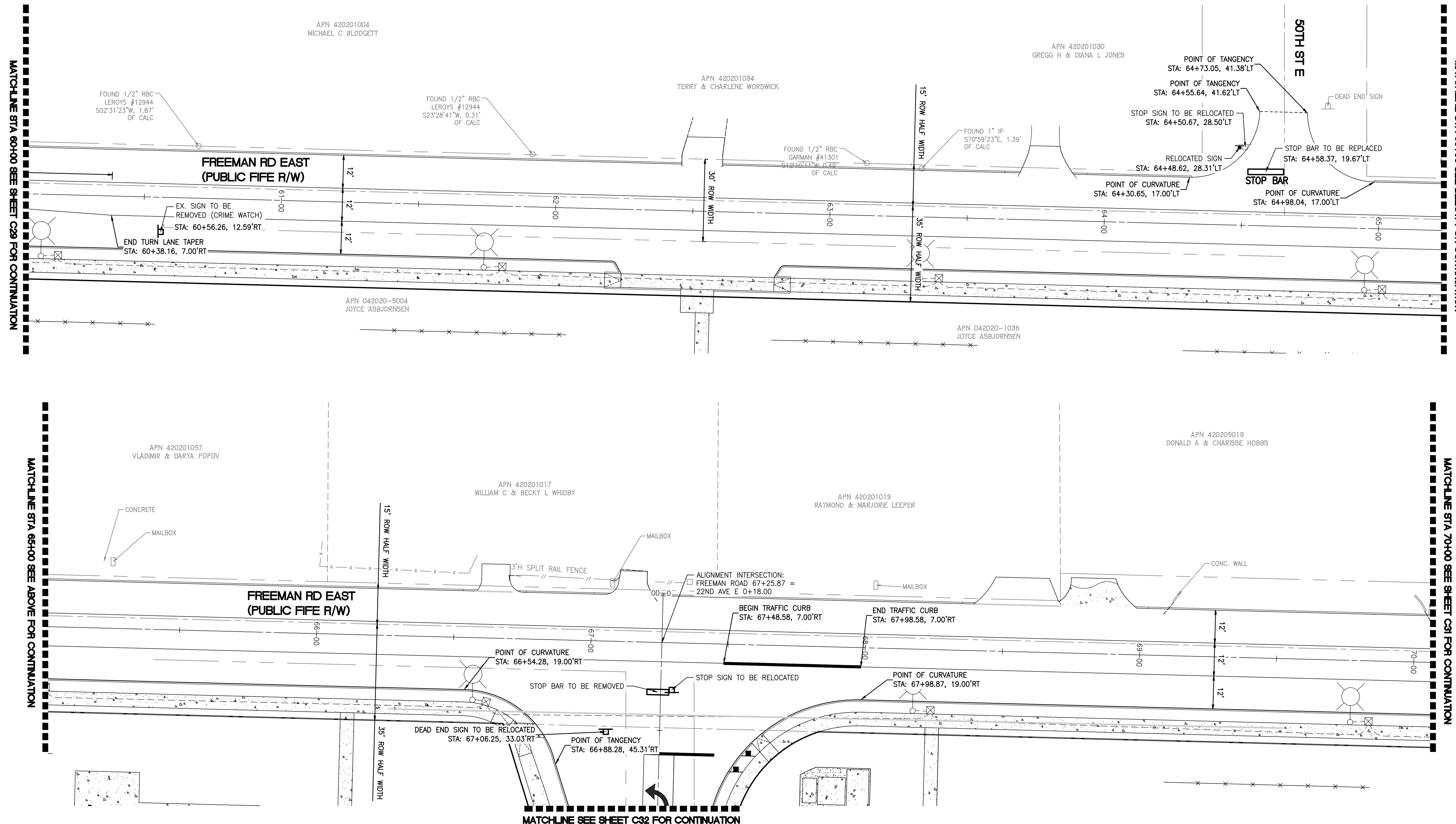
Sheet
C29 of **44**

PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN STA 60+00 TO 70+00



0 10' 20' 40'
SCALE: 1"=20'

OF
FREEMAN LOGISTICS
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



MATCHLINE STA 60+00 SEE SHEET C29 FOR CONTINUATION

MATCHLINE STA 65+00 SEE BELOW FOR CONTINUATION

MATCHLINE STA 65+00 SEE ABOVE FOR CONTINUATION

MATCHLINE STA 70+00 SEE SHEET C31 FOR CONTINUATION

MATCHLINE SEE SHEET C32 FOR CONTINUATION

Revision	By	Date	Appr.
5	JSM	12/13/24	JSM
	DTC		
	JSM		JSM
	JSM		JSM

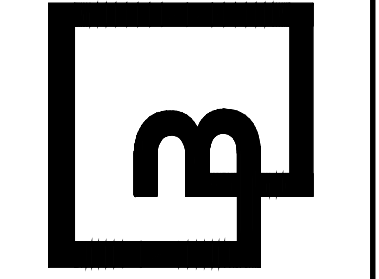
Title:
PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN STA 60+00 TO 70+00
FOR
FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:	Horizontal	Vertical
	1"=20'	N/A
Designed	JSM	
Drawn	DTC	
Checked	JSM	
Approved	JSM	
Date	12/20/24	

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com



Job Number
21585
Sheet
C30 of **44**

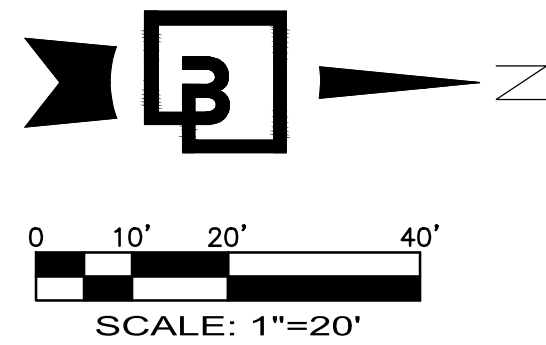
CALL BEFORE YOU DIG:
1-800-424-5555

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ENGINEER'S REVIEW
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 APPROVED AS CORRECTED
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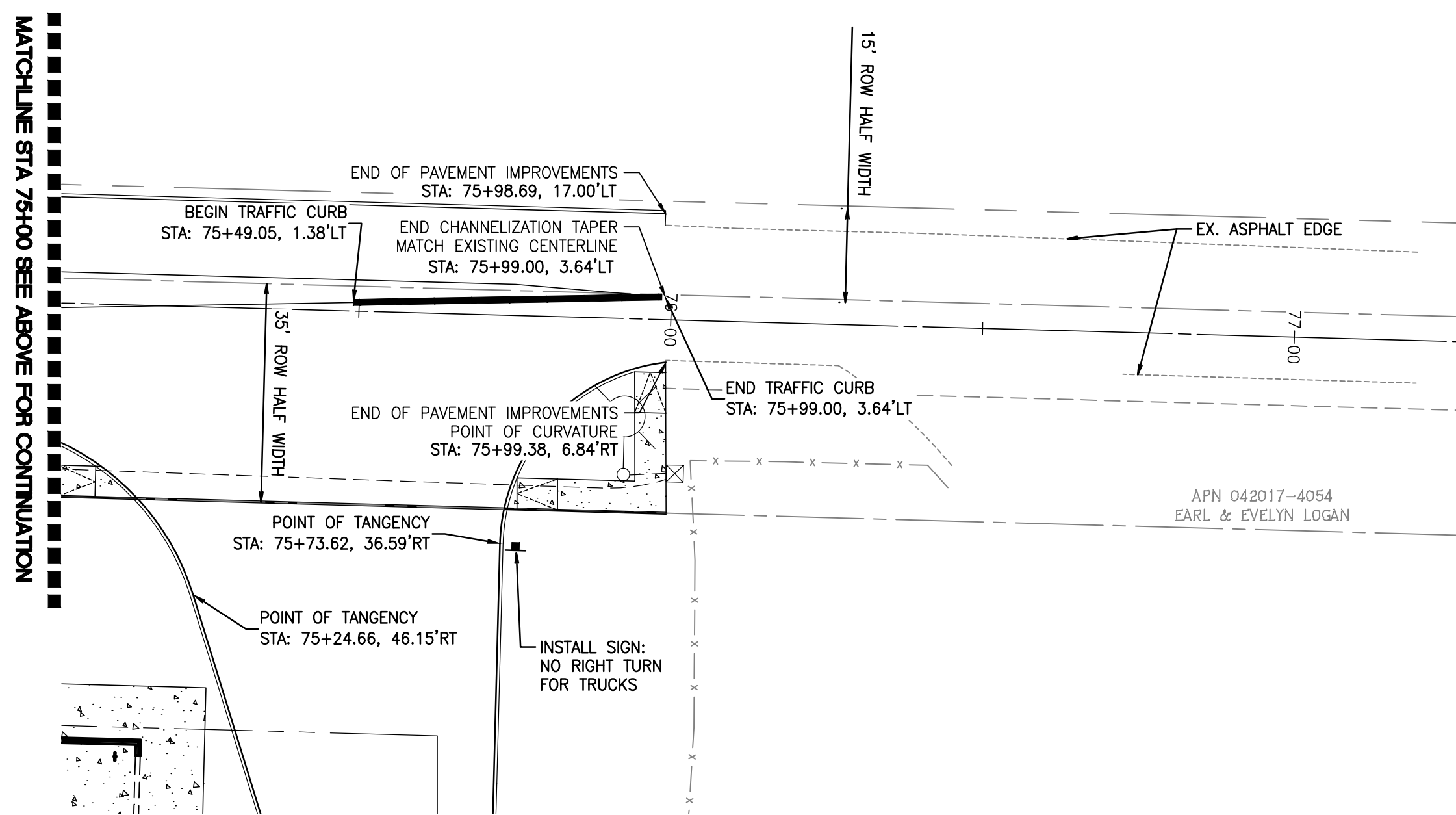
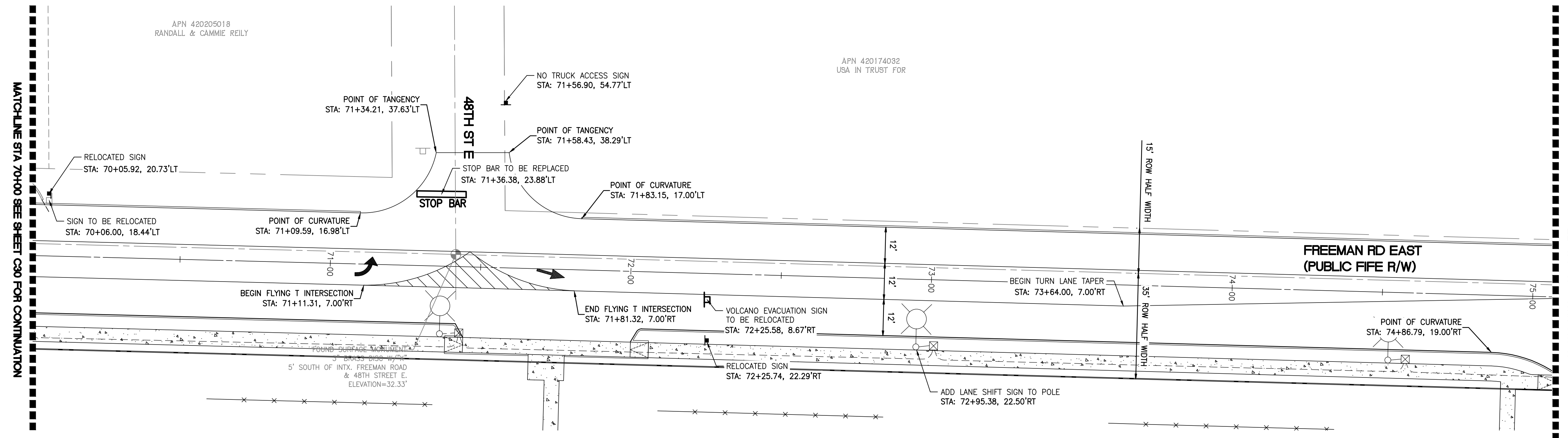
BY _____ DATE _____



PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN STA 70+00 TO 77+20

**OF
FREEMAN LOGISTICS**

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



Revision	SEPA RESUBMITTAL	JSM	JSM	DTC	By	Date	No.
5				12/13/24		12/13/24	5

Title: **PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN STA 70+00 TO 77+20**
FOR **FREEMAN LOGISTICS**

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:	Horizontal	Vertical
	1"=20'	N/A
Designed	JSM	
Drawn	DTC	
Checked	JSM	
Approved	JSM	
Date	12/20/24	

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222 barghausen.com

CALL BEFORE YOU DIG:
1-800-424-5555

UTILITY CONFLICT NOTE:
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ENGINEER'S REVIEW
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 APPROVED AS CORRECTED
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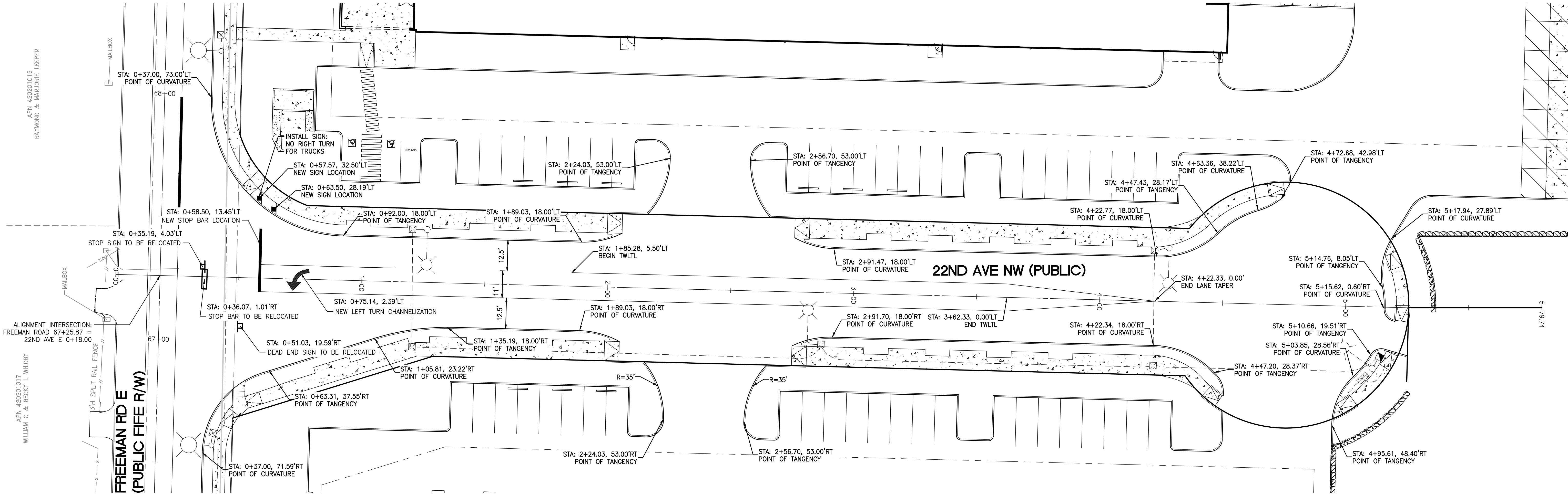
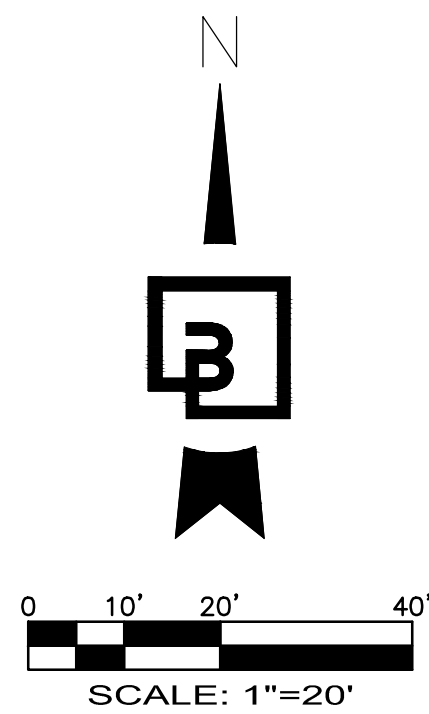
BY _____ DATE _____

Job Number: **21585**
Sheet: **C31** of **44**

PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN 22ND AVE NW

**OF
FREEMAN LOGISTICS**

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



No.	Date	By	Appr.	Revision
5	12/13/24	JSM	JSM	SEPA RESUBMITTAL

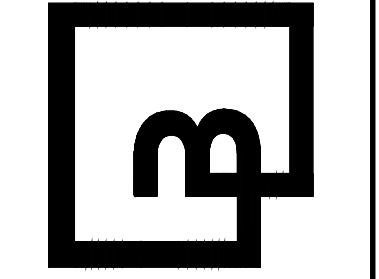
Title: **PRELIMINARY CHANNELIZATION AND SIGNAGE PLAN 22ND AVE NW**
FOR **FREEMAN LOGISTICS**

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



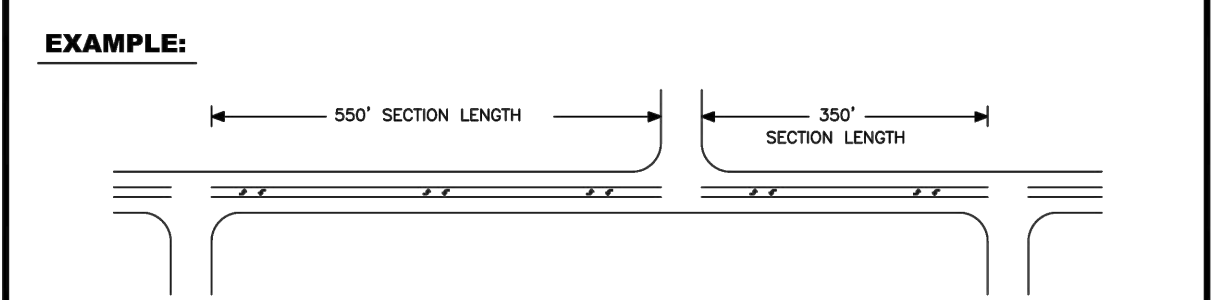
Scale:	Horizontal	Vertical
	1"=20'	N/A
Designed	JSM	
Drawn	DTC	
Checked	JSM	
Approved	JSM	
Date	12/20/24	

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

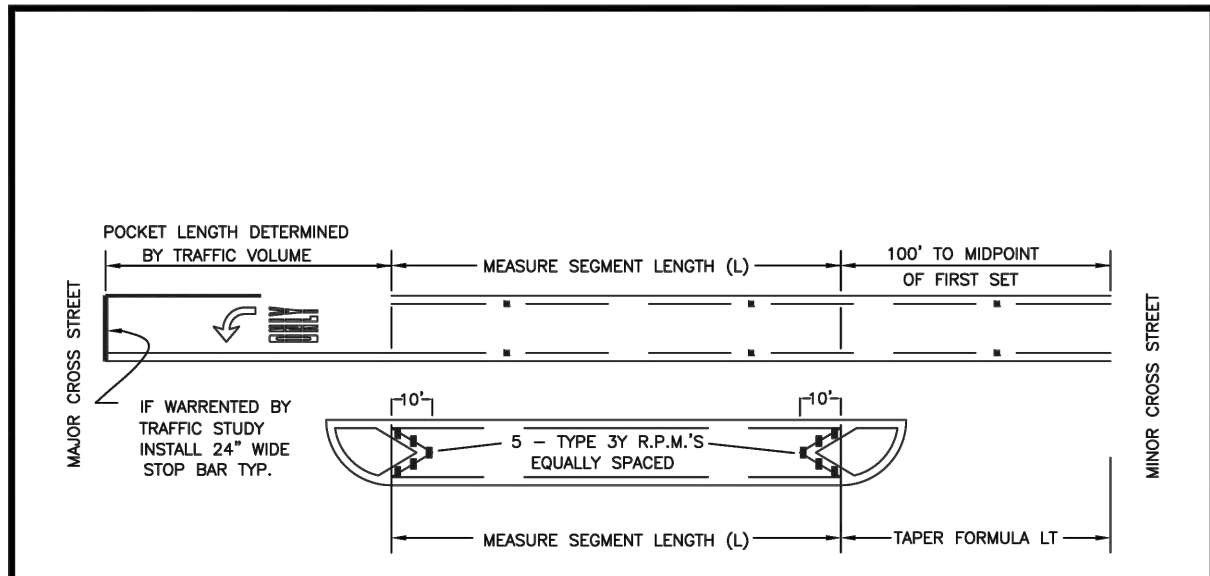


Job Number: **21585**
Sheet: **C32** of **44**

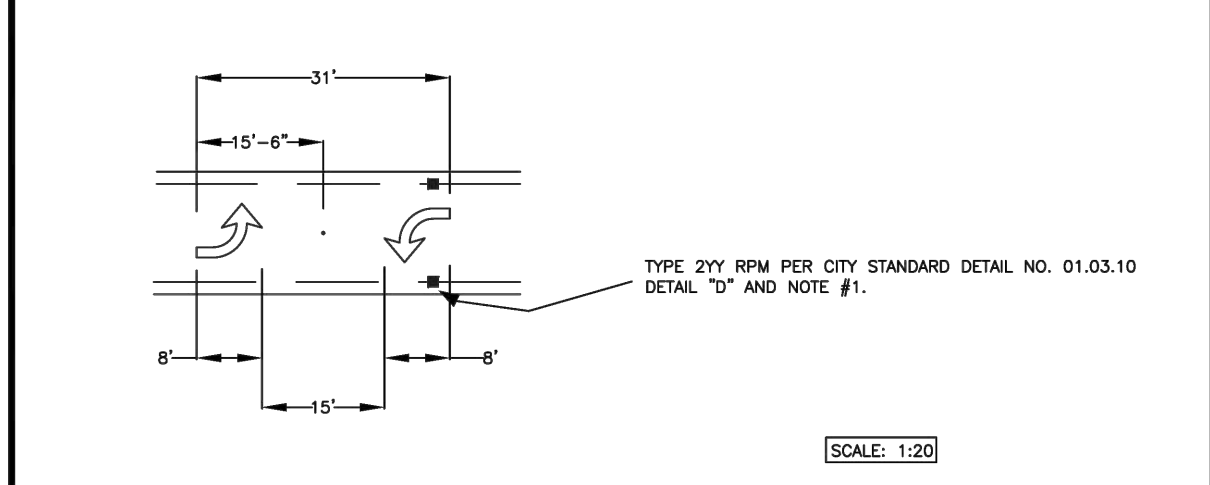
LENGTH	NUMBER OF ARROW SETS	LOCATION OF ARROW SET(S)
0' - 100'	0	
101' - 300'	1	
301' - 500'	2	
501' - 850'	3	
851' - 1200'	4	
1201' - 1750'	5	* SPACE BALANCE OF SETS EVENLY OVER REMAINDER OF SEGMENT.
OVER 1750'	$\frac{L-100}{300}$	ROUND TO NEAREST WHOLE NUMBER



- NOTES:**
- STOP BAR IS TO BE INSTALLED ONLY WHERE A TRAFFIC STUDY DETERMINES THEY ARE WARRANTED.
 - SECTION LENGTHS ARE DETERMINED BY INTERSECTION PLACEMENTS, WHICH ARE VARIABLE.



$L = WS$ (45 MPH OR MORE)
 $L = WS^2/60$ (0 TO 45 MPH)
 WHERE: S=POSTED SPEED MPH
 L=LENGTH OF TAPER IN FEET
 W=OFFSET IN FEET
 SCALE: 1:40



CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS
DATE APPROVED: 01.03.25
DATE PREPARED: 01.03.07

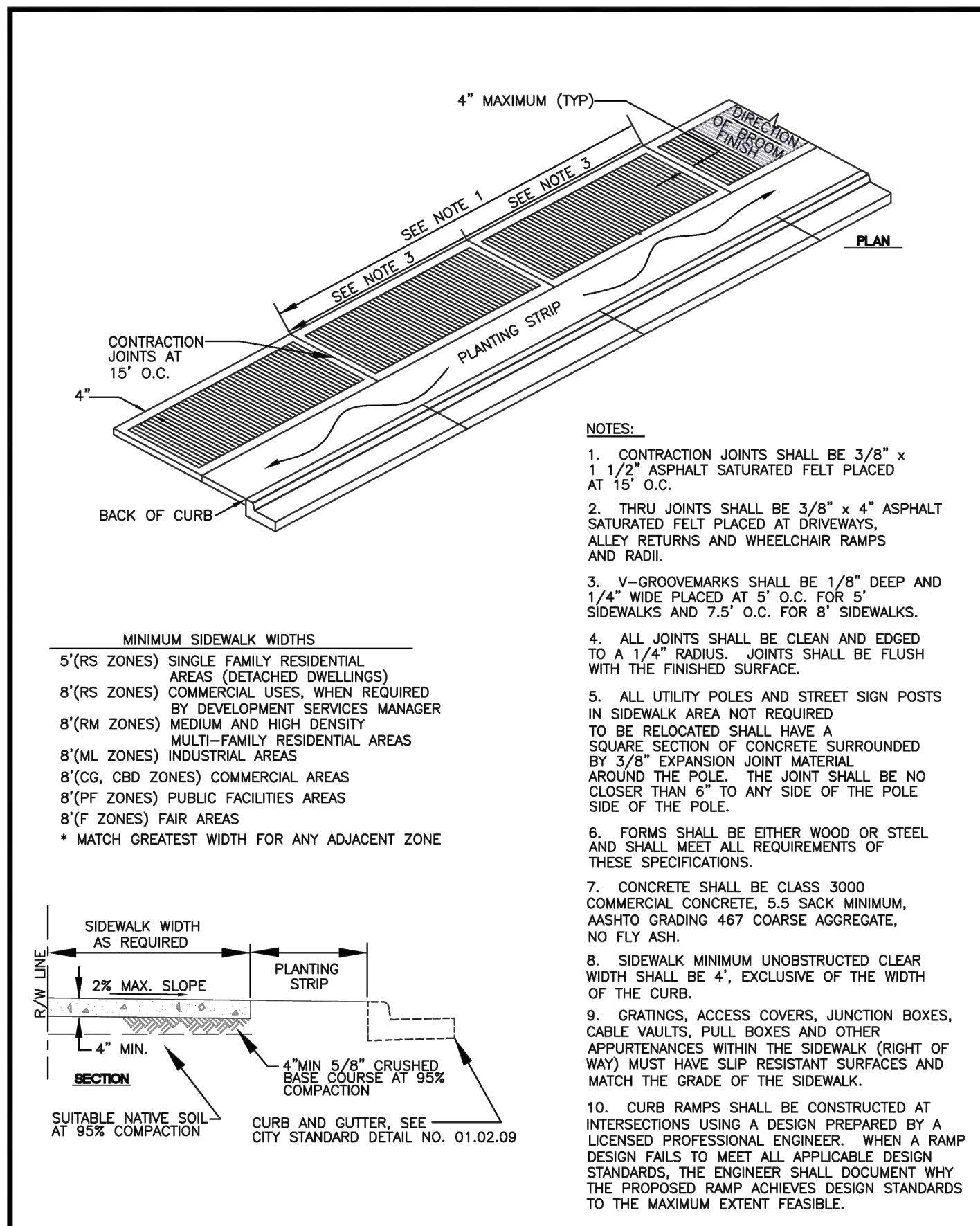
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS
DATE APPROVED: 01.03.25
DATE PREPARED: 01.03.07

UTILITY CONFLICT NOTE:
CAUTION:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT BY POTHOLES THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POTHOLES ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT BARGHAUSEN CONSULTING ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

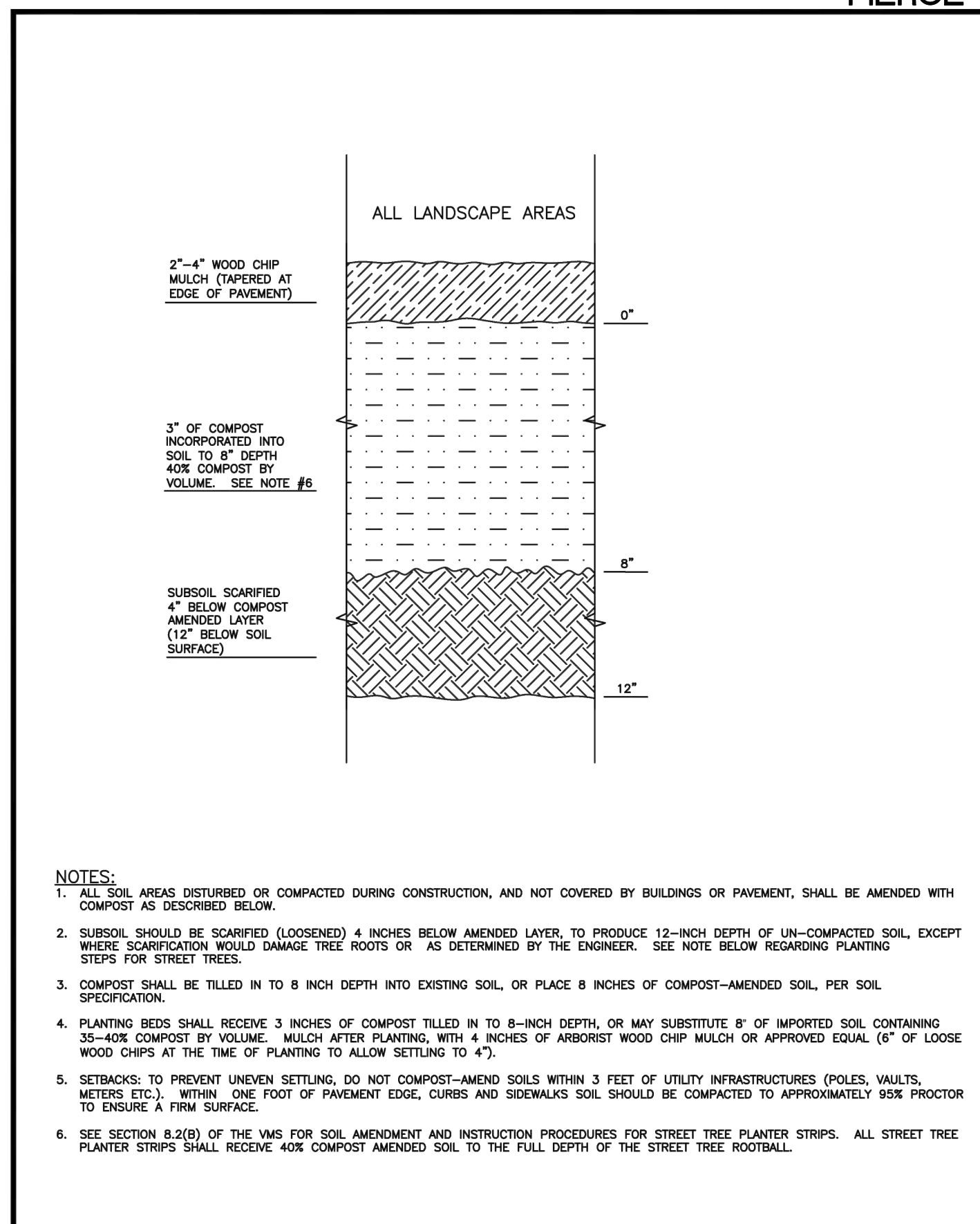
APPROVED
BY: _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE: _____

CALL BEFORE YOU DIG:
1-800-424-5555

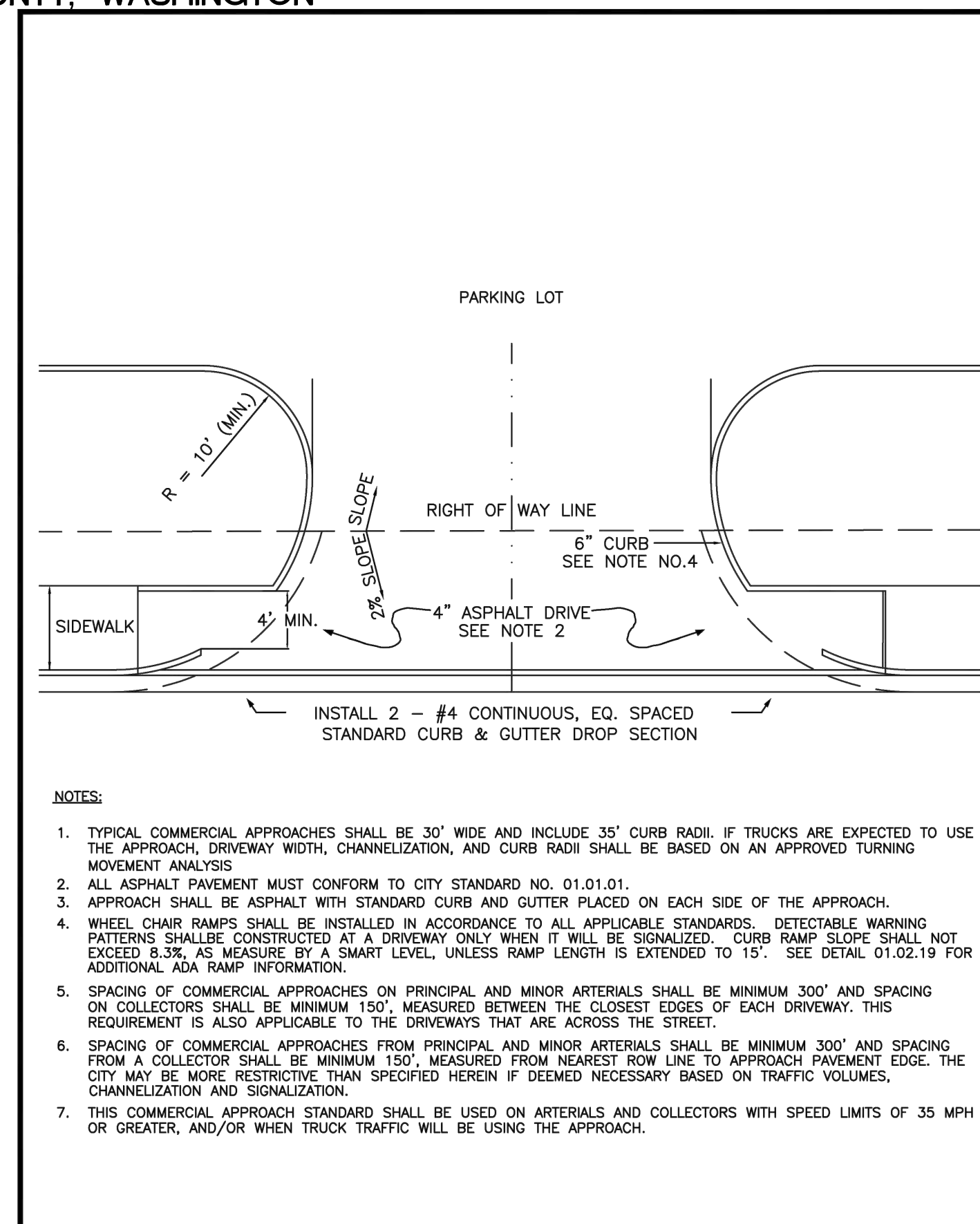
PRELIMINARY CONSTRUCTION DETAILS
OF
FREEMAN LOGISTICS
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



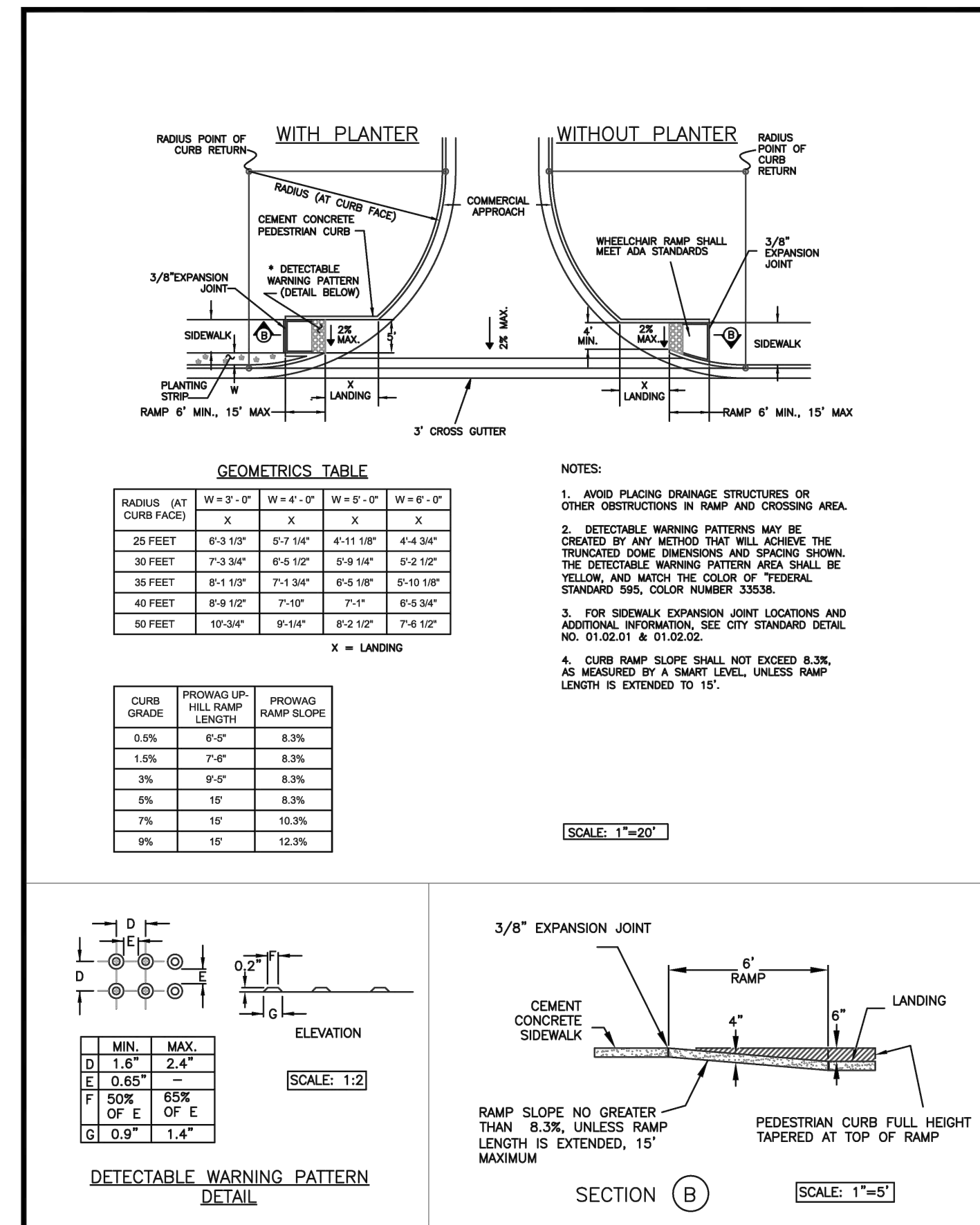
CITY OF PUYALLUP	SIDEWALK WITH PLANTING STRIP
DESIGNED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARRIS	REVISIONS: 01/20/22
DATE APPROVED: 01/20/22	SCALE: AS SHOWN
CITY STANDARD: 01.02.02	



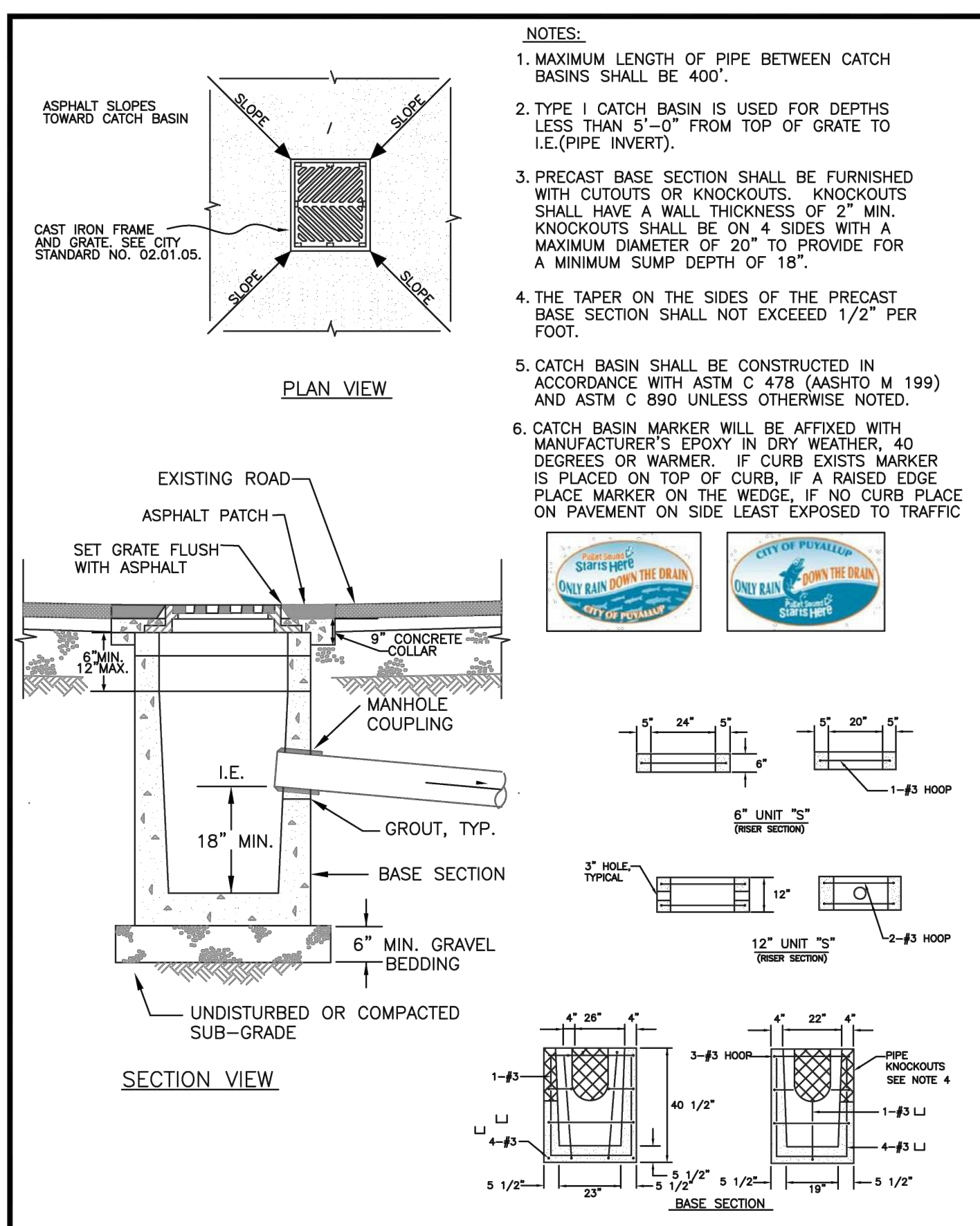
CITY OF PUYALLUP	SOIL AMENDMENT AND DEPTH
DESIGNED BY: LINDA LANSING	CHECKED BY: COLLEEN HARRIS
APPROVED BY: COLLEEN HARRIS	REVISIONS: 01/20/22
DATE APPROVED: 01/20/22	SCALE: AS SHOWN
CITY STANDARD: 01.02.08	



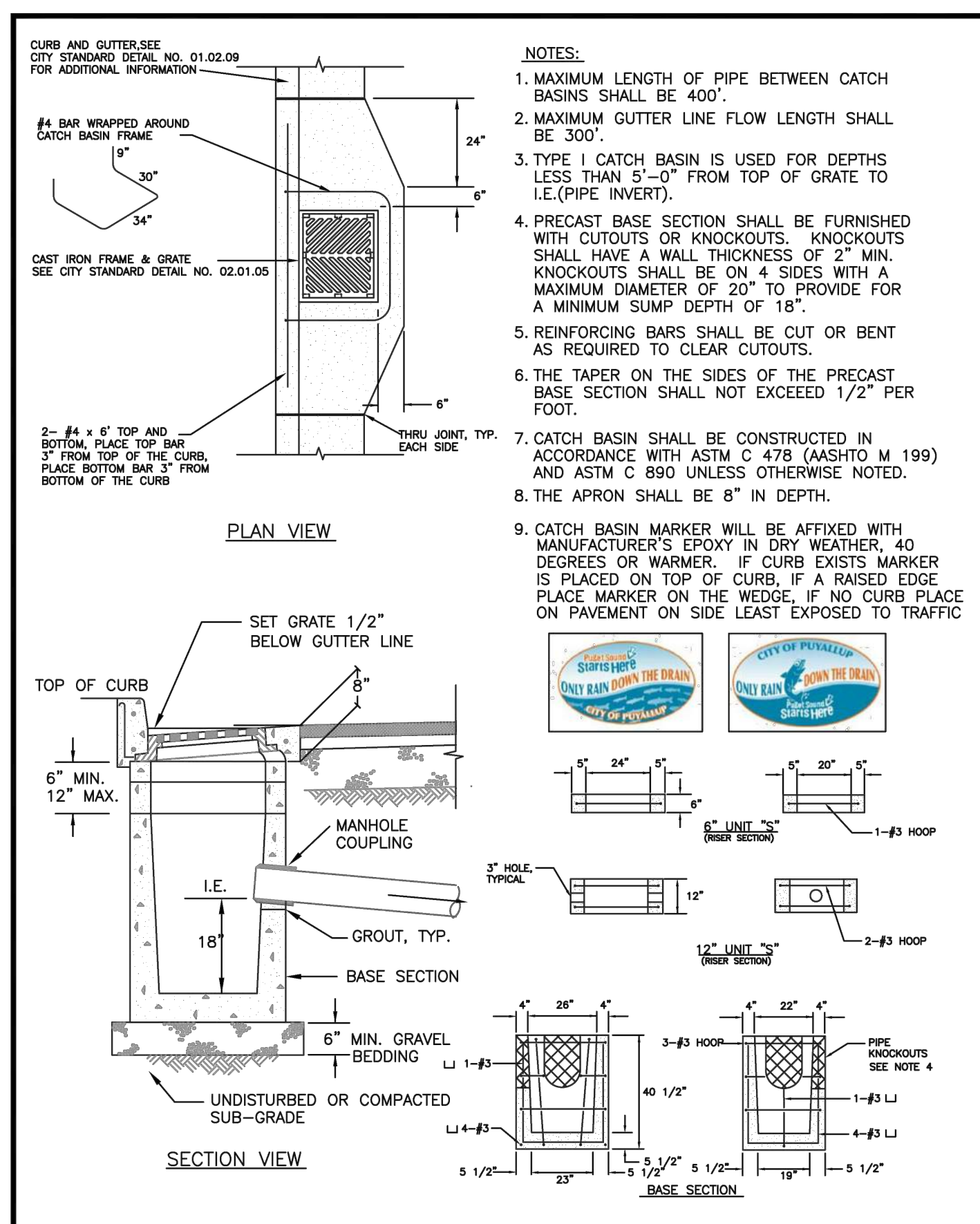
CITY OF PUYALLUP	STANDARD COMMERCIAL APPROACH
DESIGNED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARRIS	REVISIONS: 01/20/22
DATE APPROVED: 01/20/22	SCALE: AS SHOWN
CITY STANDARD: 01.02.16	



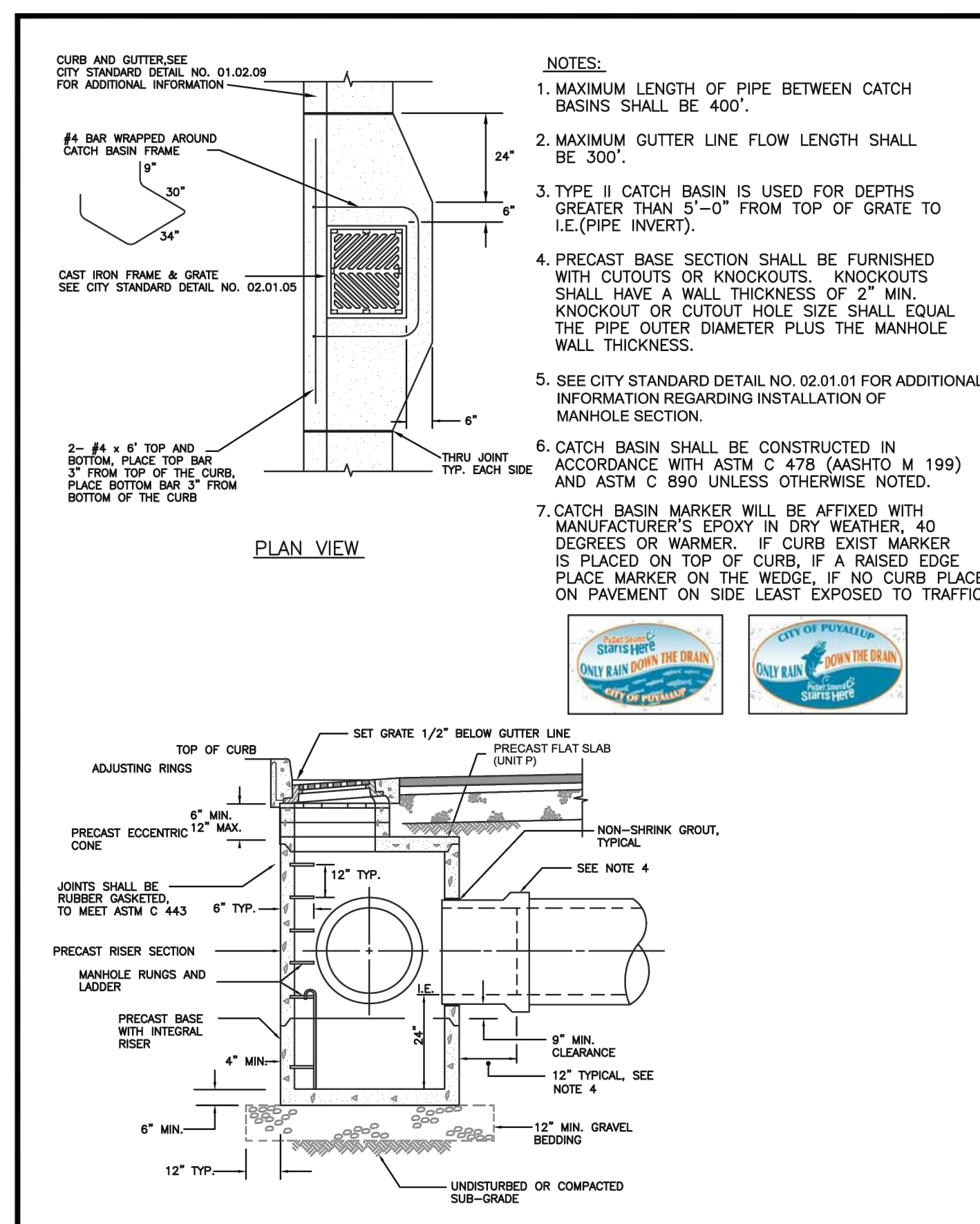
CITY OF PUYALLUP	SIDEWALK RAMP WITH COMMERCIAL APPROACHES
DESIGNED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARRIS	REVISIONS: 01/20/22
DATE APPROVED: 01/20/22	SCALE: AS SHOWN
CITY STANDARD: 01.02.19	



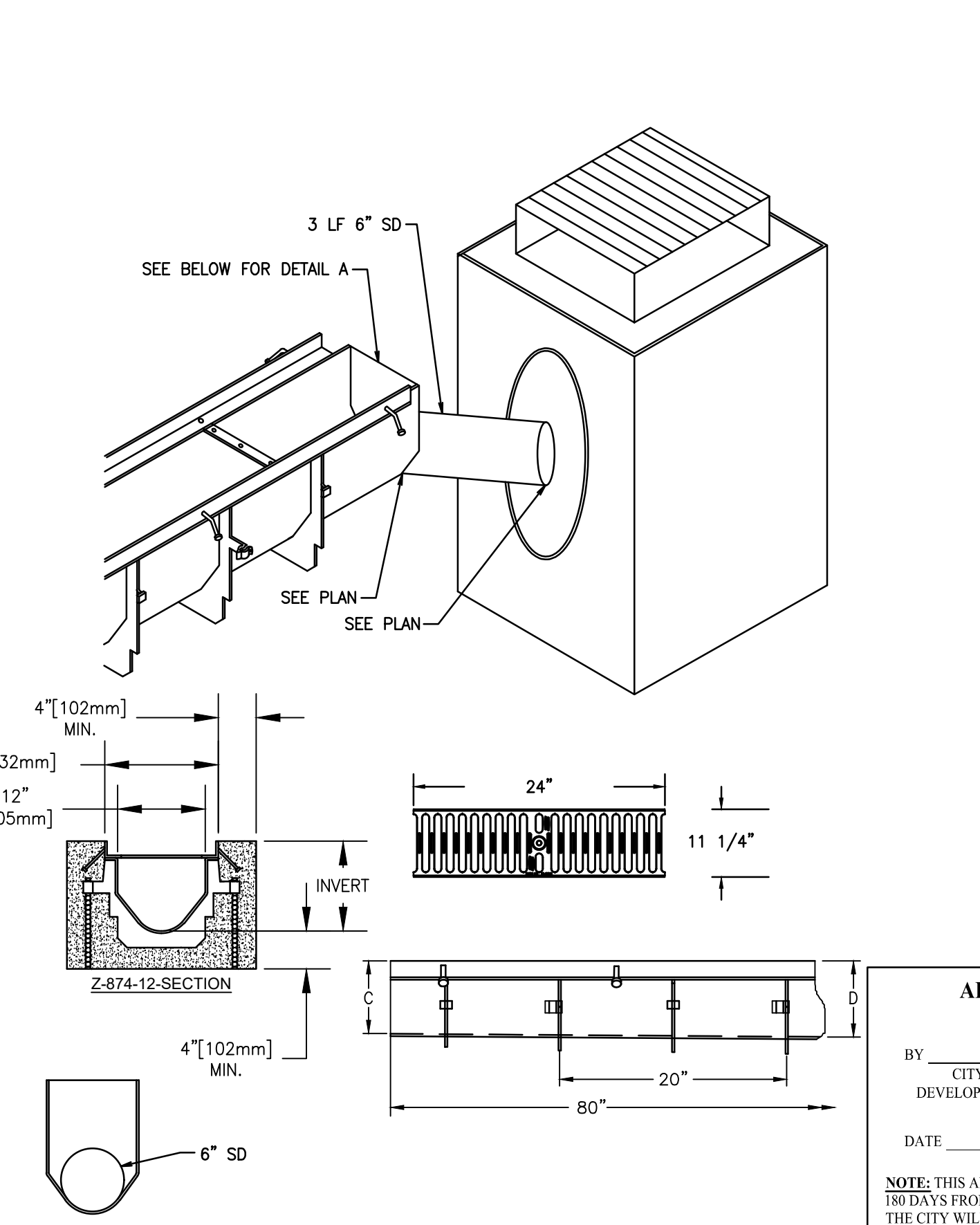
CITY OF PUYALLUP	CATCH BASIN TYPE I (AREA DRAIN)
DESIGNED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARRIS	REVISIONS: 01/20/22
DATE APPROVED: 01/20/22	SCALE: AS SHOWN
CITY STANDARD: 02.01.02	



CITY OF PUYALLUP	CATCH BASIN TYPE I (GUTTER DRAIN)
DESIGNED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARRIS	REVISIONS: 01/20/22
DATE APPROVED: 01/20/22	SCALE: AS SHOWN
CITY STANDARD: 02.01.03	



CITY OF PUYALLUP	CATCH BASIN TYPE II
DESIGNED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARRIS	REVISIONS: 01/20/22
DATE APPROVED: 01/20/22	SCALE: AS SHOWN
CITY STANDARD: 02.01.04	



CITY OF PUYALLUP	TYPICAL TRENCH DRAIN DETAIL
DESIGNED BY: LINDA LANSING	CHECKED BY: LINDA LANSING
APPROVED BY: COLLEEN HARRIS	REVISIONS: 01/20/22
DATE APPROVED: 01/20/22	SCALE: AS SHOWN
CITY STANDARD: 02.01.04	

Revision
5 12/13/24 DTC JSM JSM SEPA RESUBMITTAL
No. Date By Ckd. Appr.

Title:

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

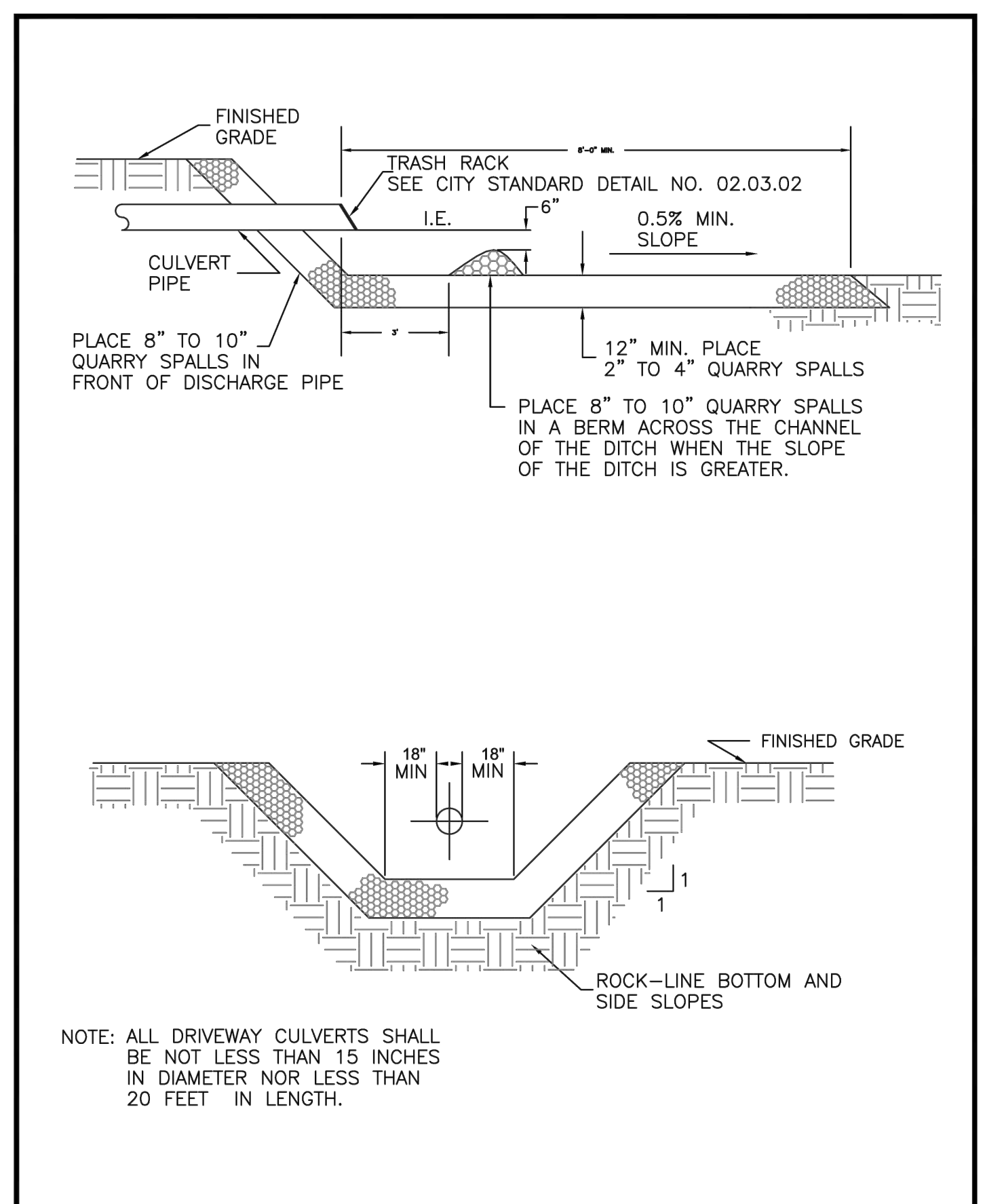


Scale:
Horizontal N/A
Vertical N/A
Designed: JSM
Drawn: JSM
Checked: JSM
Approved: JSM
Date: 12/20/24

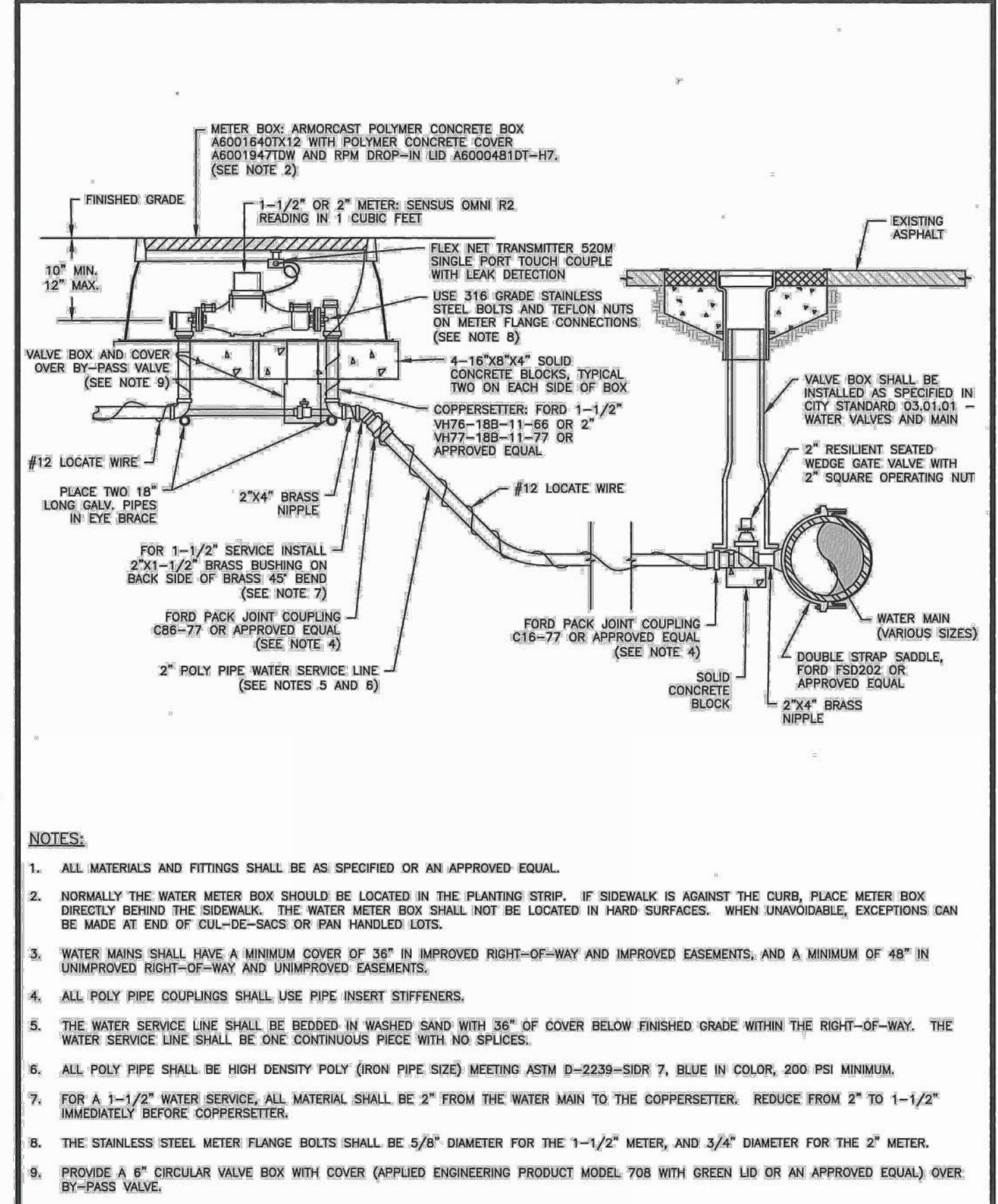
Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

Job Number: 21585
Sheet: C34 of 44
APPROVED
BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING
DATE: _____
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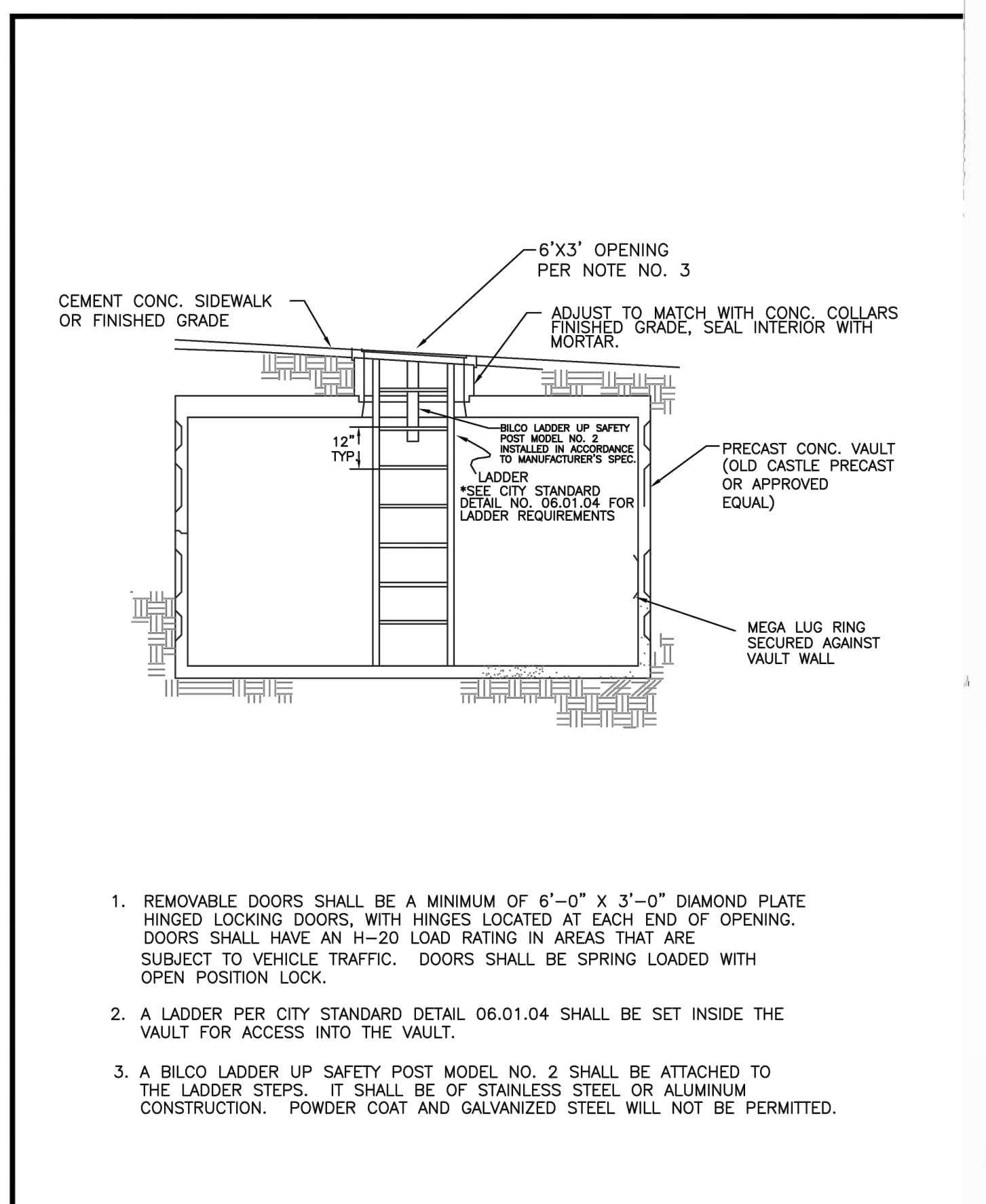
PRELIMINARY CONSTRUCTION DETAILS
OF
FREEMAN LOGISTICS
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



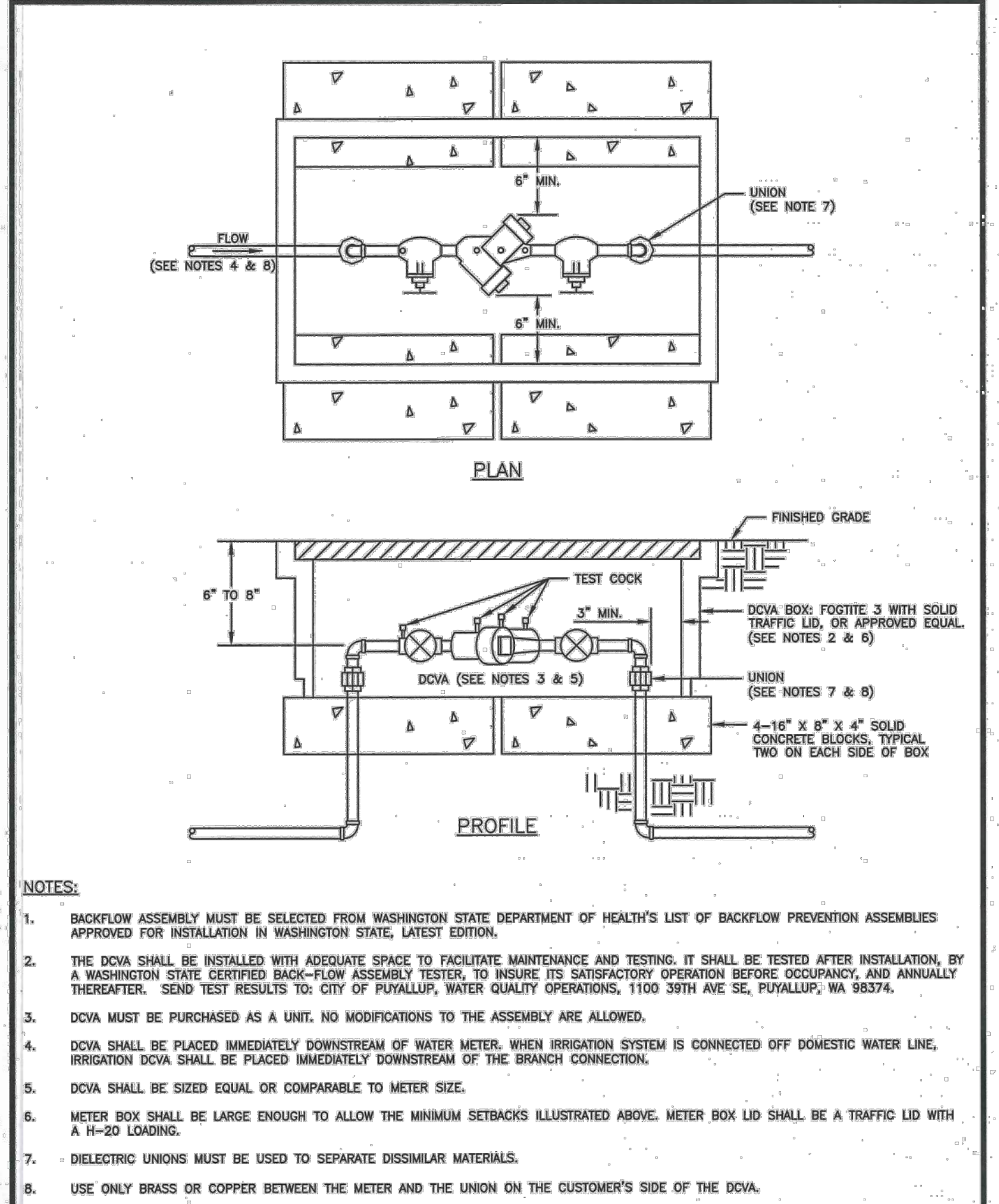
CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	DAYLIGHT CULVERT OPEN DITCH				
	DRAWN BY: LINCOLN LANG CHECKED BY: LINCOLN LANG FILE NAME: P:\WORK\CONSTRUCTION\03.02.01\03.02.01.DWG	APPROVED BY: COLLEEN BARBER DATE APPROVED: 03/15/2019 DATE REVISION: 03/15/2019	REVISED BY: LINCOLN LANG SCALE: NTS CITY STANDARD: 02.02.01		



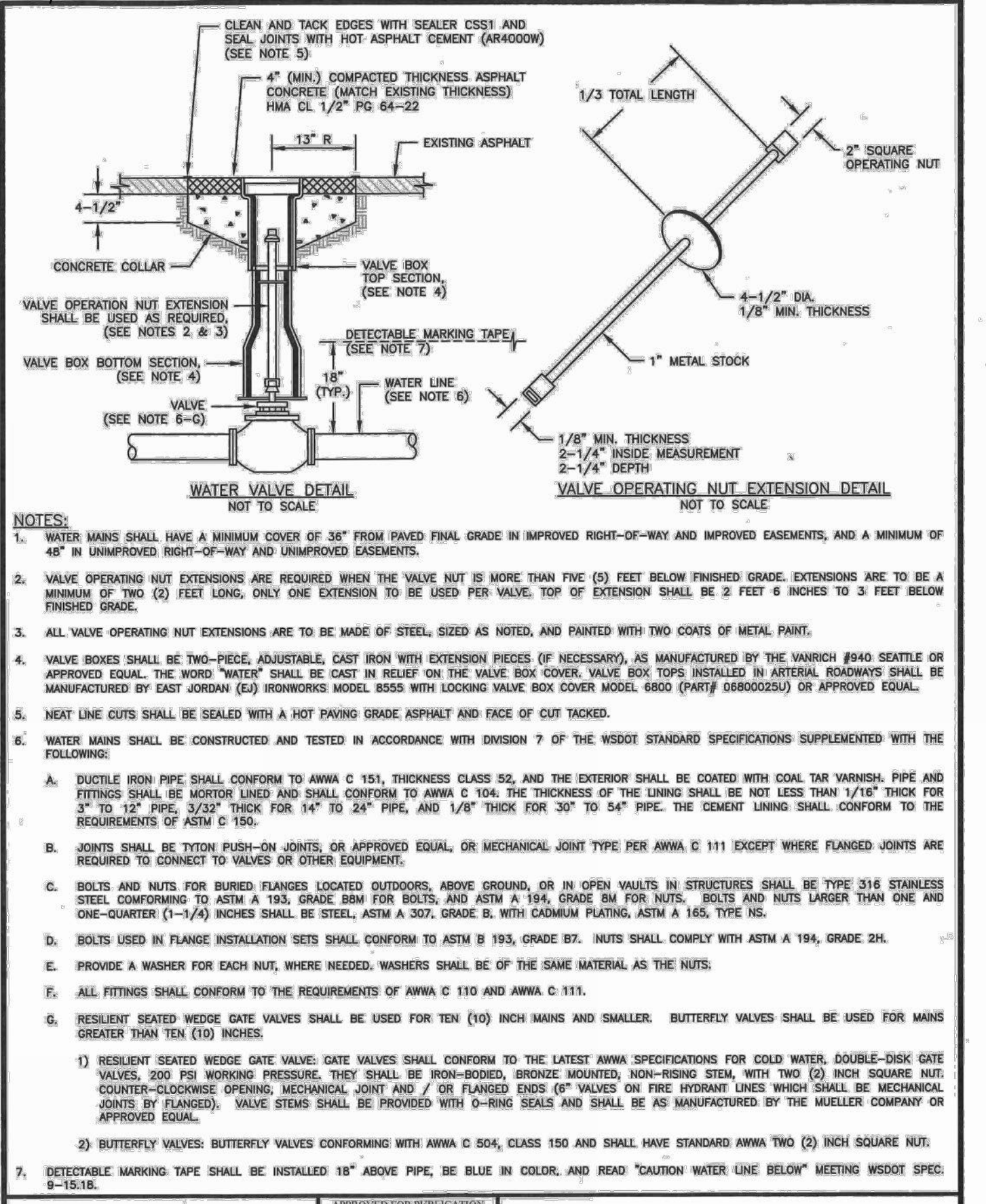
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER	1-1/2" AND 2" WATER SERVICE CONNECTION	
	APPROVED FOR PUBLICATION: [Signature] DATE: 03/15/2019 CITY STANDARD: 03.03.02	



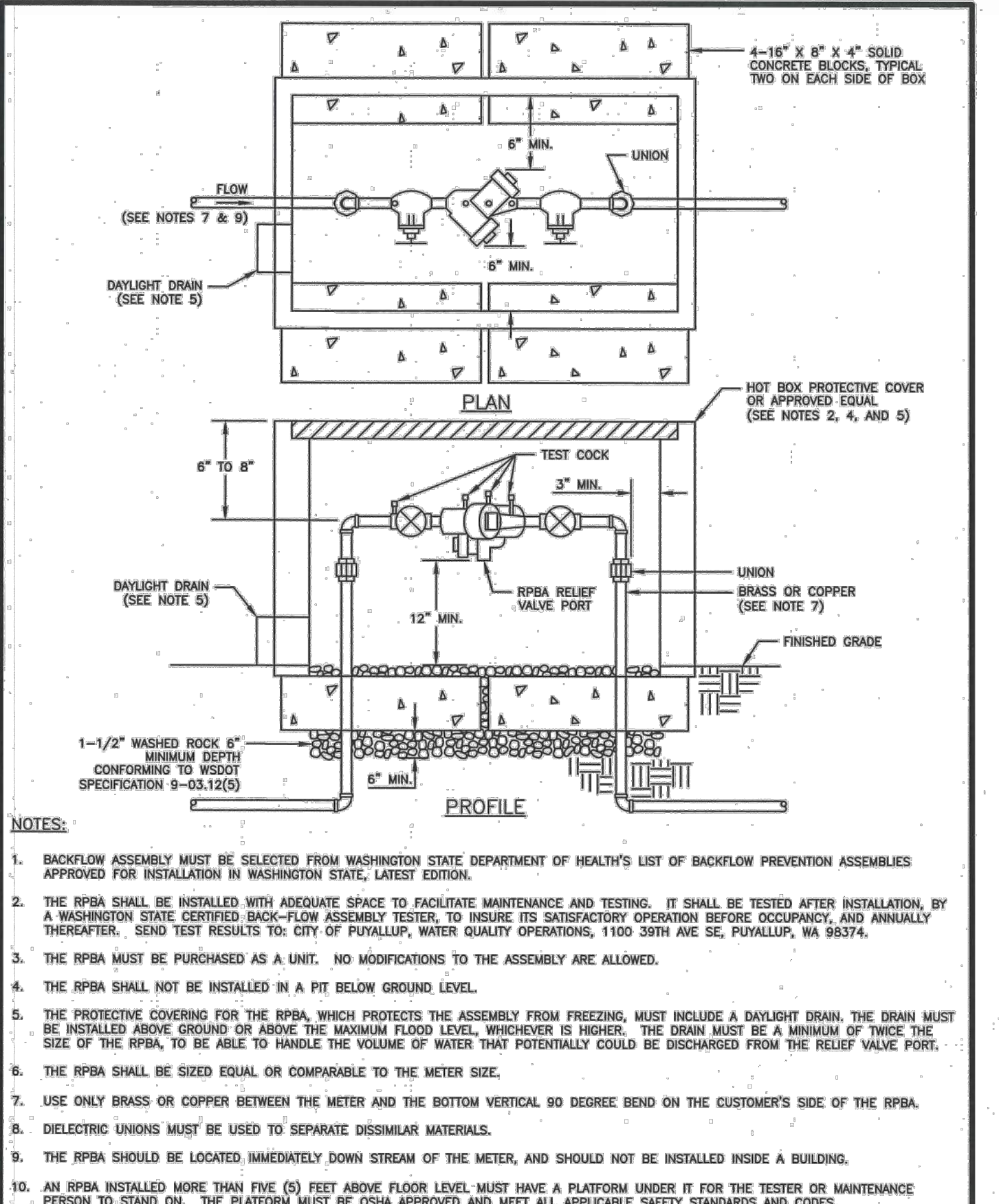
CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS	STORMWATER VAULT				
	DRAWN BY: LINCOLN LANG CHECKED BY: LINCOLN LANG FILE NAME: P:\WORK\CONSTRUCTION\03.02.01\03.02.01.DWG	APPROVED BY: COLLEEN BARBER DATE APPROVED: 03/15/2019 DATE REVISION: 03/15/2019	REVISED BY: LINCOLN LANG SCALE: NTS CITY STANDARD: 02.04.01		



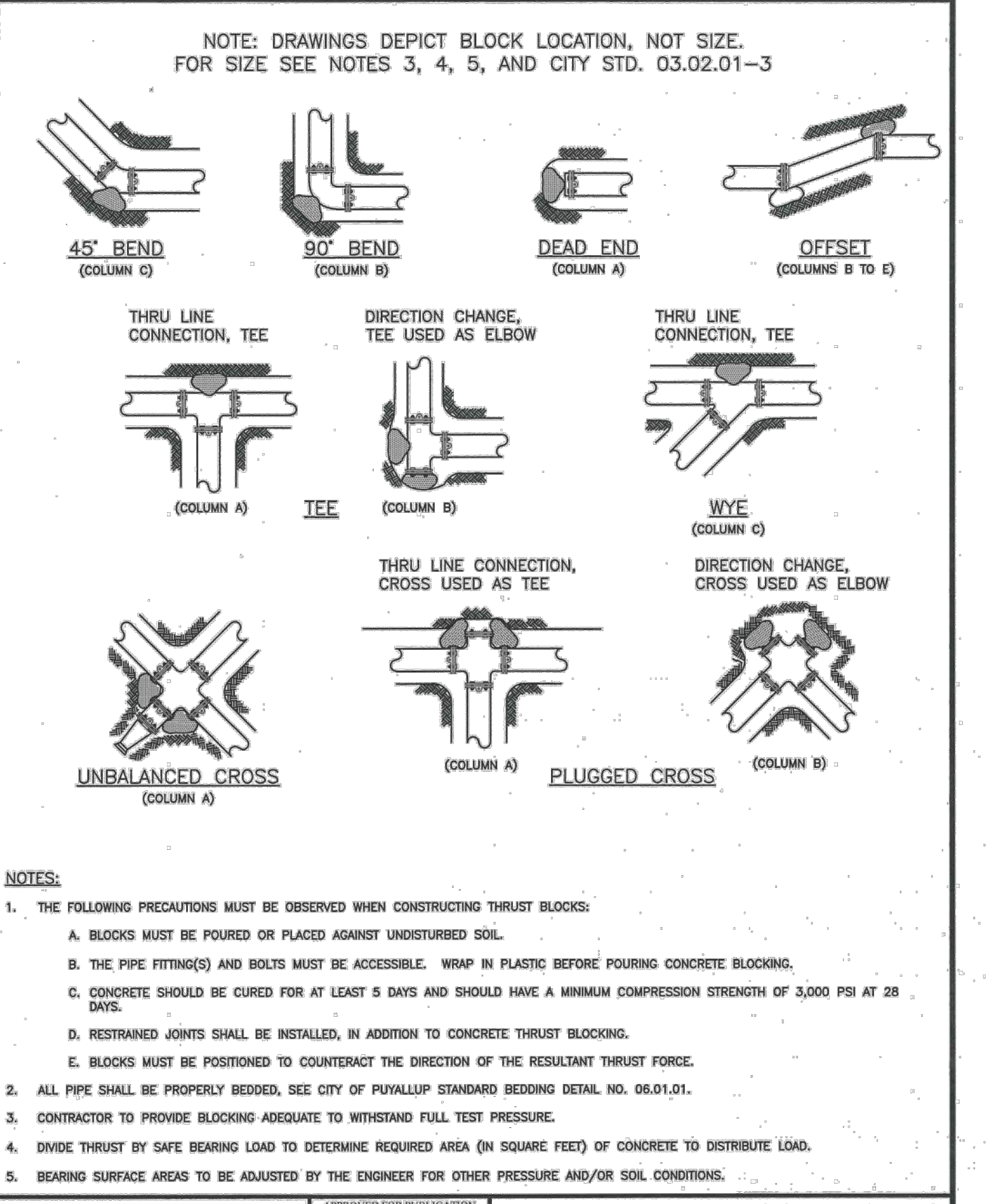
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER	2" AND SMALLER DOUBLE CHECK VALVE ASSEMBLY INSTALLATION	
	APPROVED FOR PUBLICATION: [Signature] DATE: 03/15/2019 CITY STANDARD: 03.04.01	



CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER	WATER VALVES AND MAINS				
	APPROVED FOR PUBLICATION: [Signature] DATE: 03/15/2019 CITY STANDARD: 03.01.01				



CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER	2" AND SMALLER REDUCED PRESSURE BACKFLOW ASSEMBLY INSTALLATION	
	APPROVED FOR PUBLICATION: [Signature] DATE: 03/15/2019 CITY STANDARD: 03.04.02	



CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER	HORIZONTAL THRUST BLOCKING				
	APPROVED FOR PUBLICATION: [Signature] DATE: 03/15/2019 CITY STANDARD: 03.02.01-1				

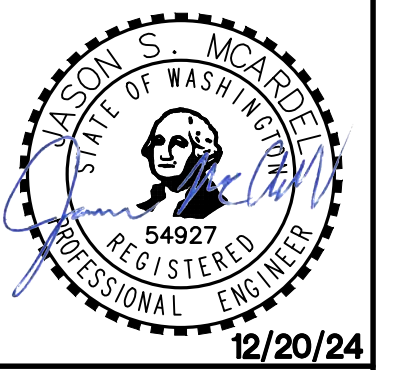


CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER	APPROVED	
	BY: _____ CITY OF PUYALLUP DEVELOPMENT ENGINEERING DATE: _____	

Revision	5	12/13/24	DTC	JSM	JSM	SEPA RESUBMITTAL
No.	By	Date	Clk.	Appr.		

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

PRELIMINARY CONSTRUCTION DETAILS FOR FREEMAN LOGISTICS



Scale:	Horizontal	N/A	Vertical	N/A					
Designed	JSM	Drawn	DTC	Checked	JSM	Approved	JSM	Date	12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com

Job Number: 21585
Sheet: C35 of 44

PRELIMINARY CONSTRUCTION DETAILS
OF
FREEMAN LOGISTICS
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON

FIRE HYDRANT ASSEMBLY
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
APPROVED FOR PUBLICATION: 03.05.01
DATE: 03.05.01

FIRE DEPARTMENT CONNECTION (FDC)
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
APPROVED FOR PUBLICATION: 03.10.02
DATE: 03.10.02

POST INDICATOR VALVE
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
APPROVED FOR PUBLICATION: 03.10.03
DATE: 03.10.03

WATER VAULT DETAILS
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
APPROVED FOR PUBLICATION: 03.11.01
DATE: 03.11.01

SANITARY SEWER MANHOLE
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
APPROVED FOR PUBLICATION: 04.01.01
DATE: 04.01.01

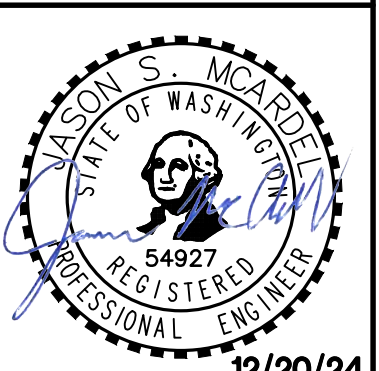
INSIDE DROP SANITARY SEWER MANHOLE
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
APPROVED FOR PUBLICATION: 04.01.02
DATE: 04.01.02

INSIDE DROP SANITARY SEWER MANHOLE (NOTES)
CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER
APPROVED FOR PUBLICATION: 04.01.03
DATE: 04.01.03

No.	Date	By	Chk.	Appr.	Revision
5	12/13/24	JSM	JSM	JSM	SEPA RESUBMITTAL

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

Project: **PRELIMINARY CONSTRUCTION DETAILS FOR FREEMAN LOGISTICS**



Scale:	Horizontal	N/A	Vertical	N/A					
Designed	JSM	Drawn	JSM	Checked	JSM	Approved	JSM	Date	12/20/24

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Job Number: **21585**
Sheet: **44**
of **C36**

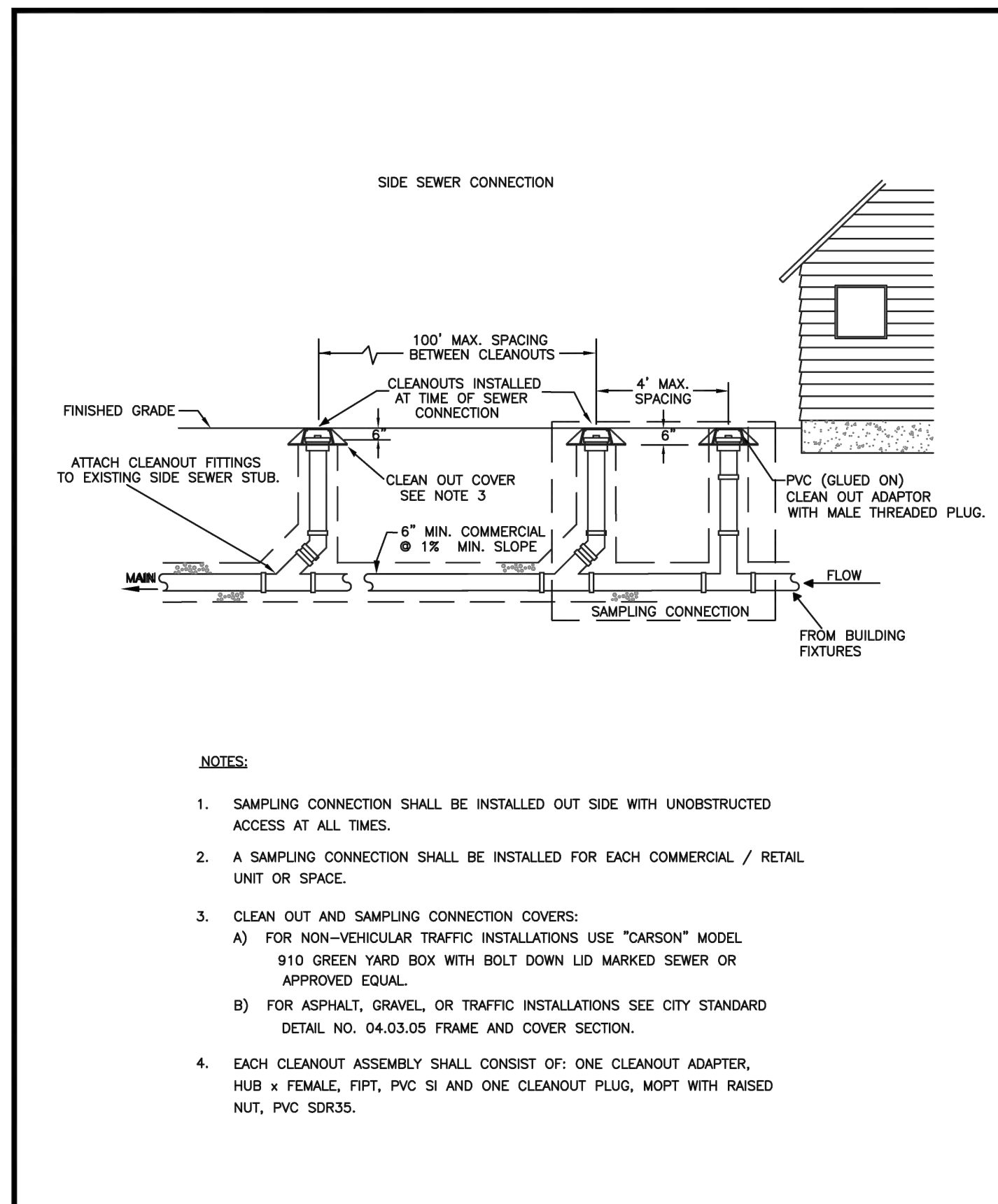
APPROVED

BY: _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

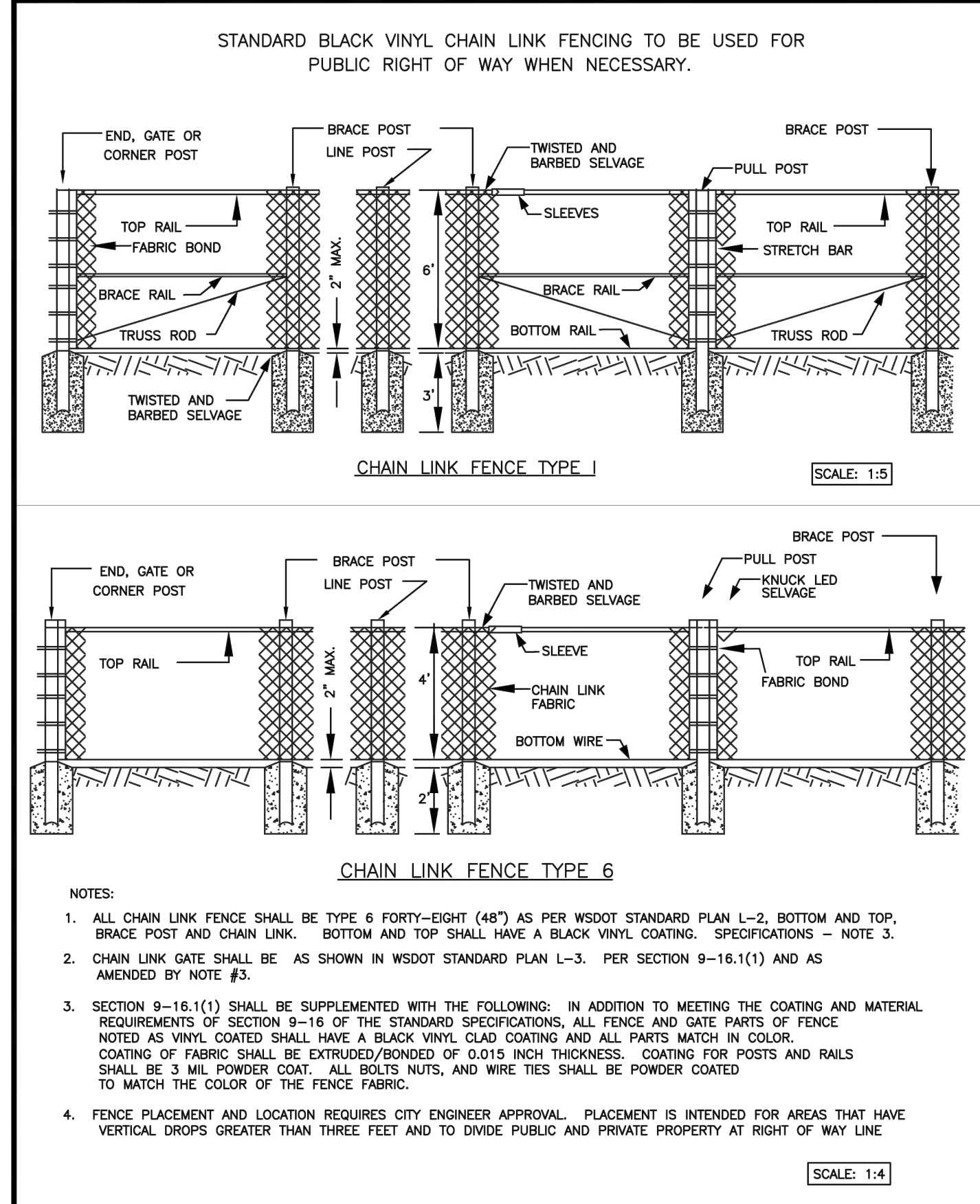
DATE: _____

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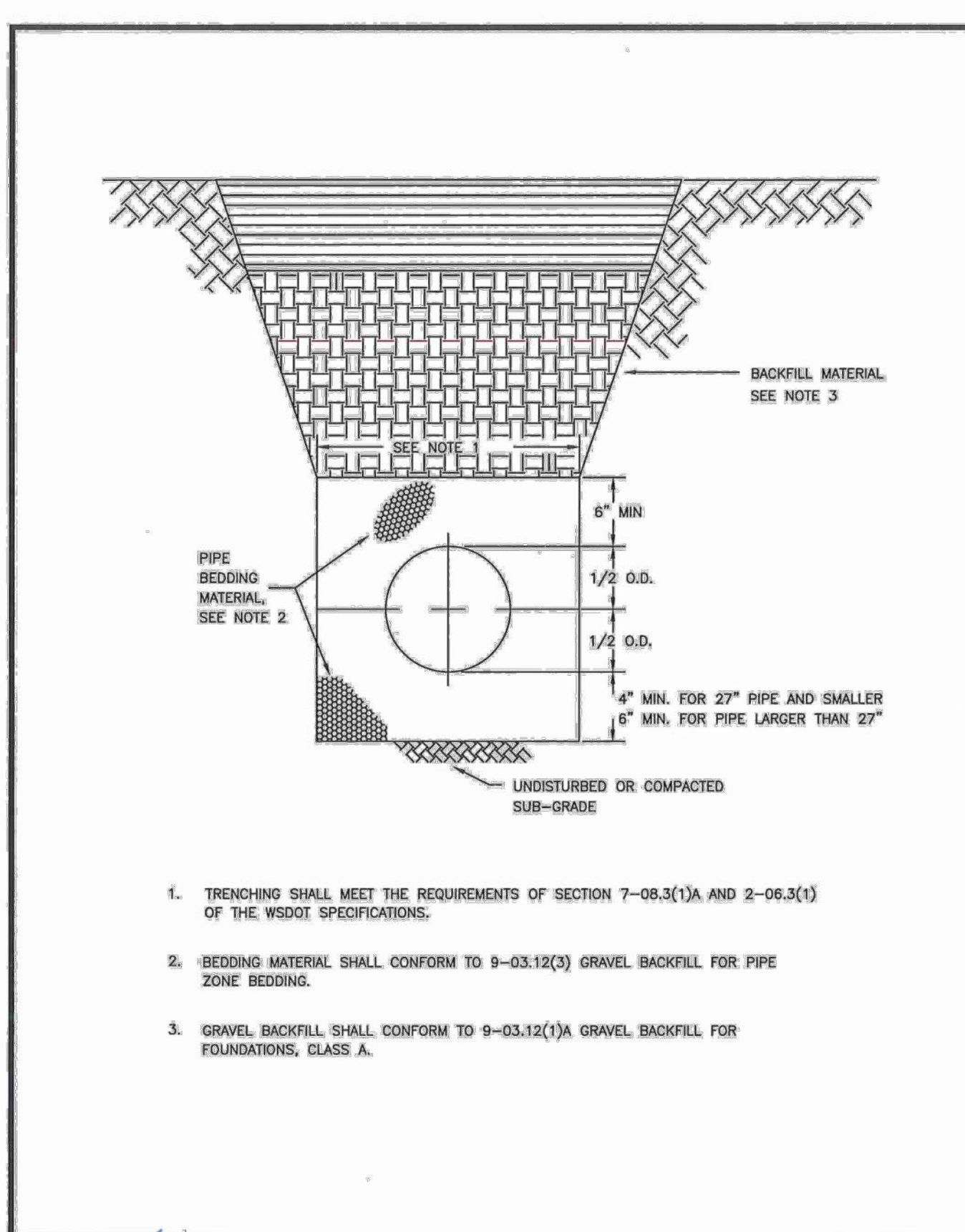
PRELIMINARY CONSTRUCTION DETAILS
OF
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PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



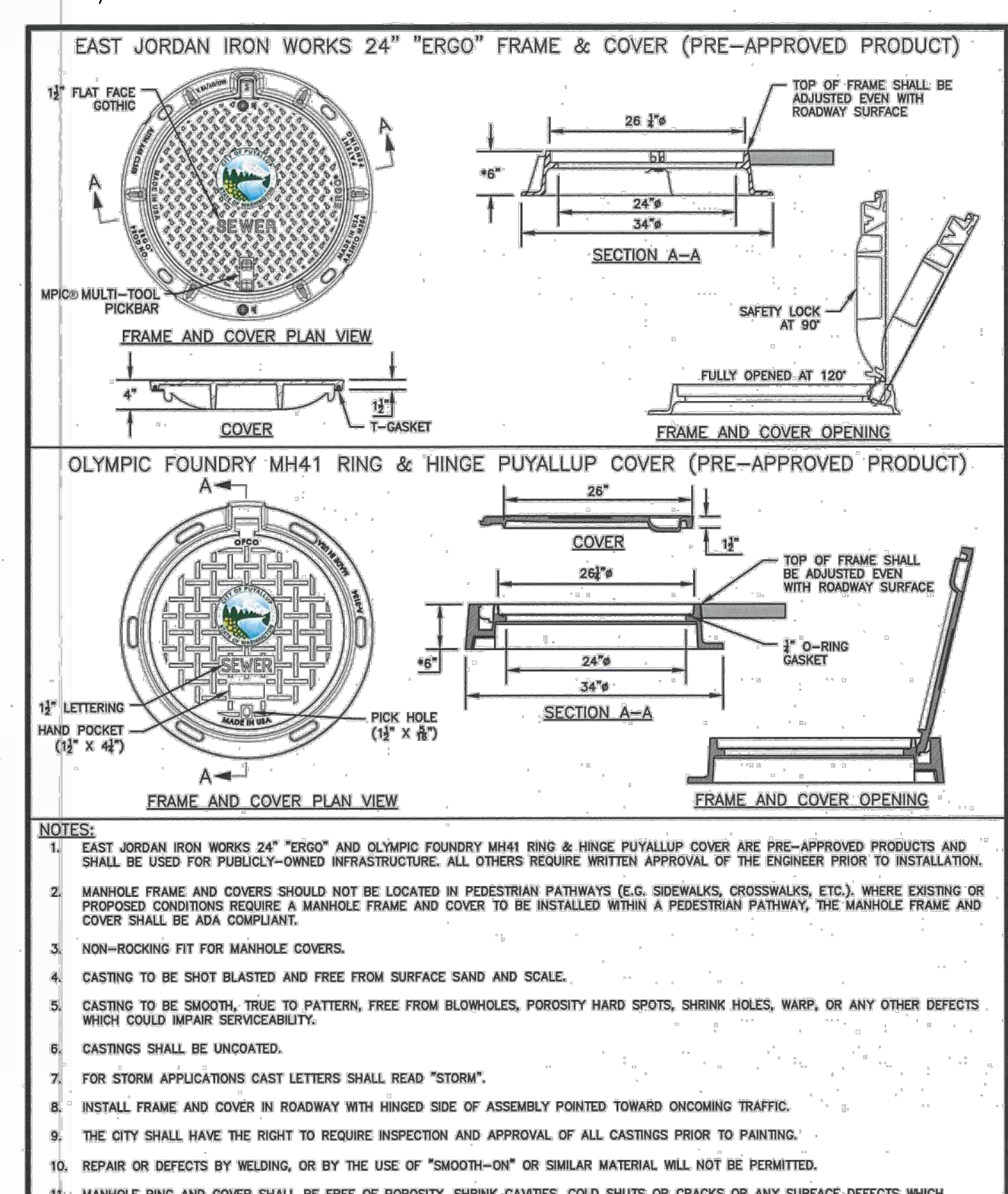
<p>CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS</p>	<p>DESIGNED BY: JIM ERWIN-SYDORAK CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN HARRIS DATE APPROVED: 06/01/24 SCALE: 1/4"</p>		<p>CITY STANDARD 04.03.04</p>
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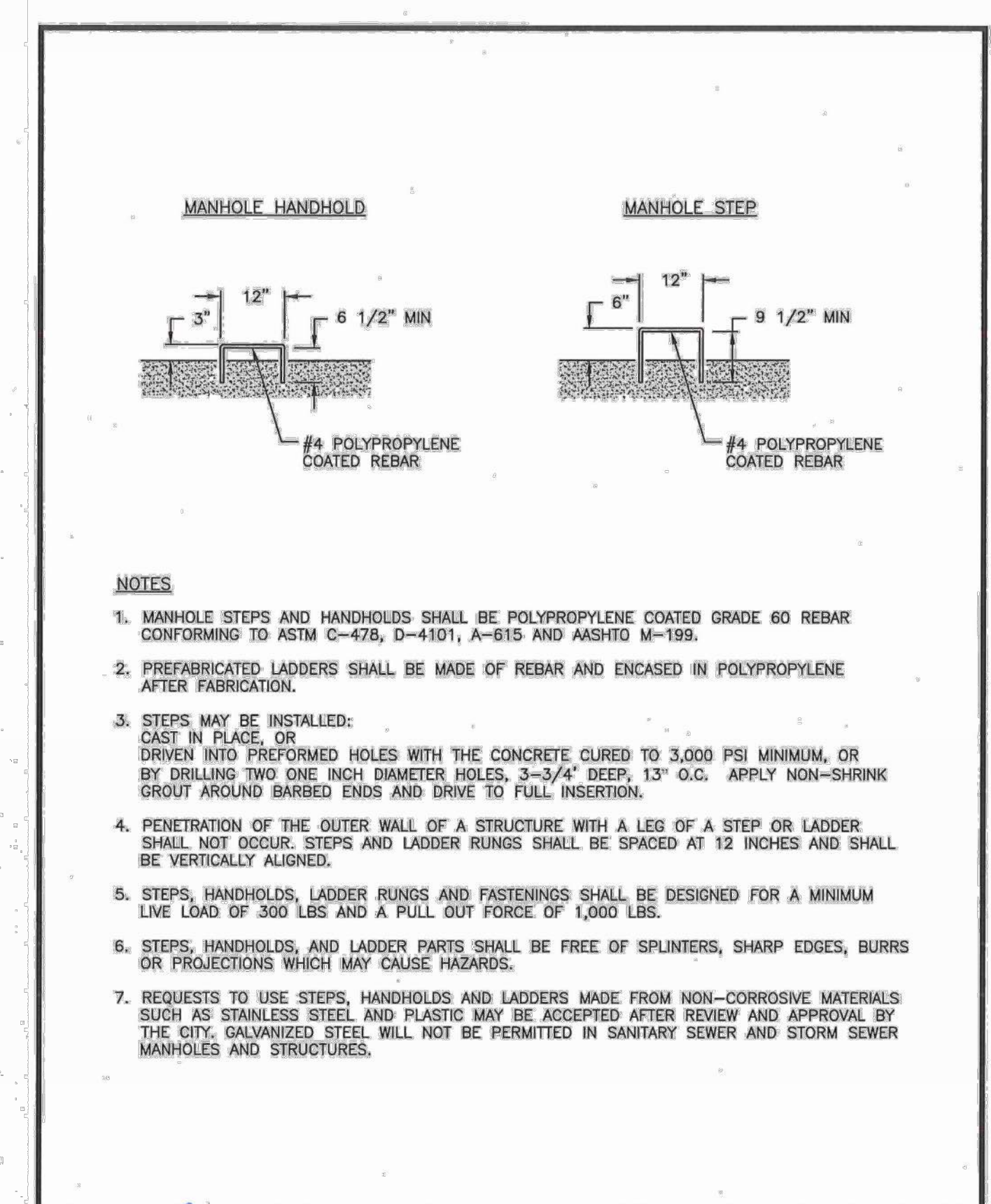
<p>CITY OF PUYALLUP DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS</p>	<p>DESIGNED BY: JIM ERWIN-SYDORAK CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN HARRIS DATE APPROVED: 06/01/24 SCALE: 1/4"</p>		<p>CITY STANDARD 06.01.08</p>
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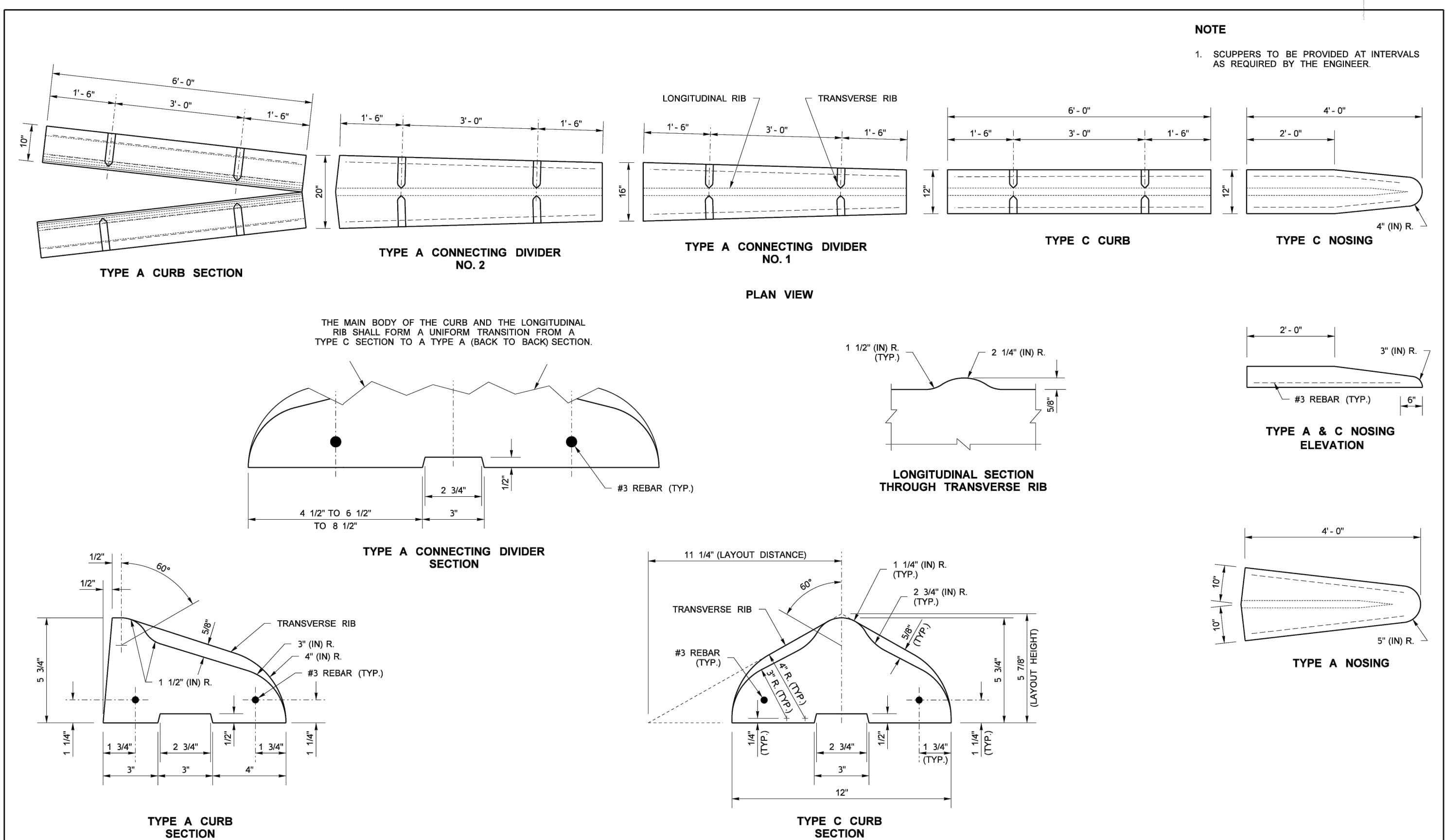
<p>CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER</p>	<p>DESIGNED BY: JIM ERWIN-SYDORAK CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN HARRIS DATE APPROVED: 06/01/24 SCALE: 1/4"</p>		<p>CITY STANDARD 06.01.01</p>
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<p>CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER</p>	<p>DESIGNED BY: JIM ERWIN-SYDORAK CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN HARRIS DATE APPROVED: 06/01/24 SCALE: 1/4"</p>		<p>CITY STANDARD 06.01.02</p>
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<p>CITY OF PUYALLUP OFFICE OF THE CITY ENGINEER</p>	<p>DESIGNED BY: JIM ERWIN-SYDORAK CHECKED BY: LINDA LIAN APPROVED BY: COLLEEN HARRIS DATE APPROVED: 06/01/24 SCALE: 1/4"</p>		<p>CITY STANDARD 06.01.03</p>
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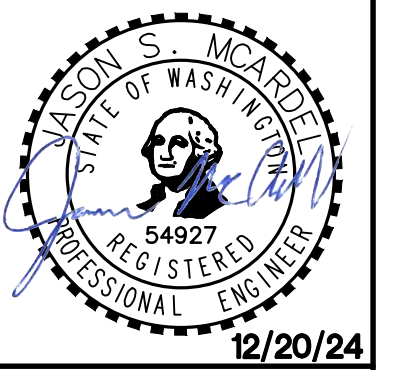


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No.	Date	By	Clk.	Appr.	Revision
5	12/13/24	DTC	JSM	JSM	SEPA RESUBMITTAL

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

PRELIMINARY CONSTRUCTION DETAILS
FOR
FREEMAN LOGISTICS



Scale:	Horizontal	N/A	Vertical	N/A
Designed	JSM	DTC	JSM	JSM
Drawn	[blank]	[blank]	[blank]	[blank]
Checked	[blank]	[blank]	[blank]	[blank]
Approved	[blank]	[blank]	[blank]	[blank]
Date	12/20/24			

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Kent, WA 98032
425.251.6222
barghausen.com

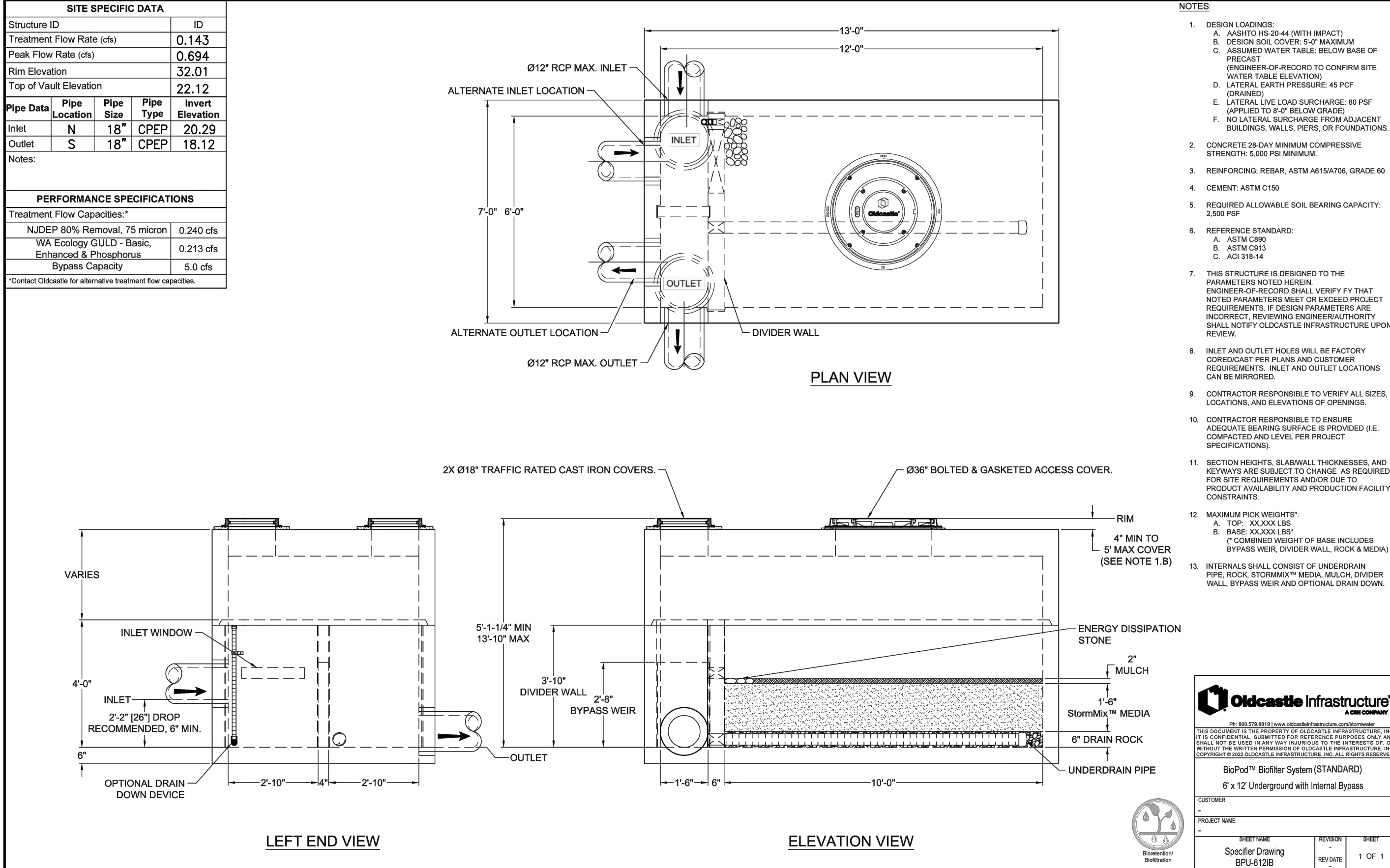
Job Number: **21585**
Sheet: **C37** of **44**

APPROVED
BY: CITY OF PUYALLUP DEVELOPMENT ENGINEERING
DATE: _____

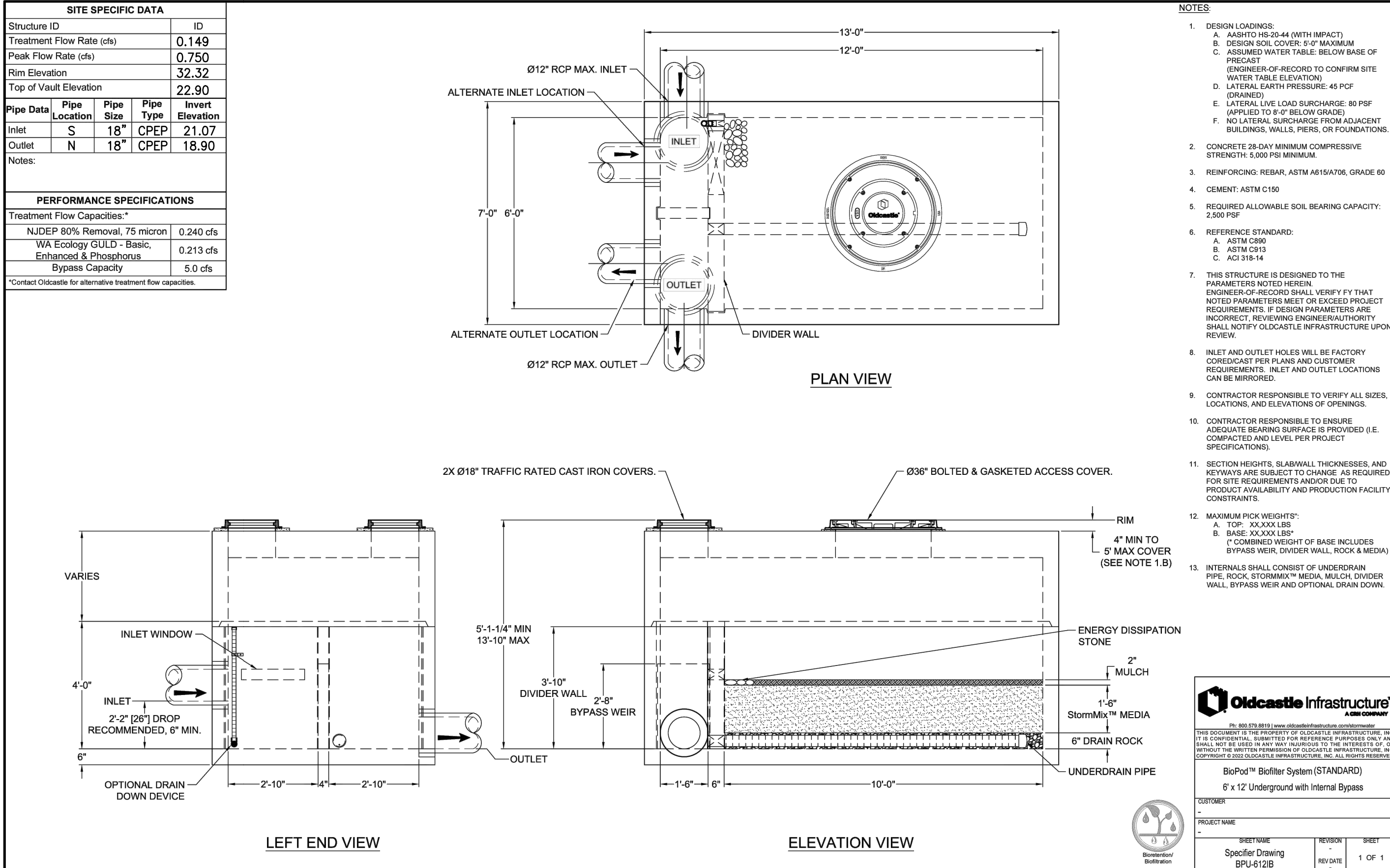
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

PRELIMINARY CONSTRUCTION DETAILS
OF
FREEMAN LOGISTICS
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON

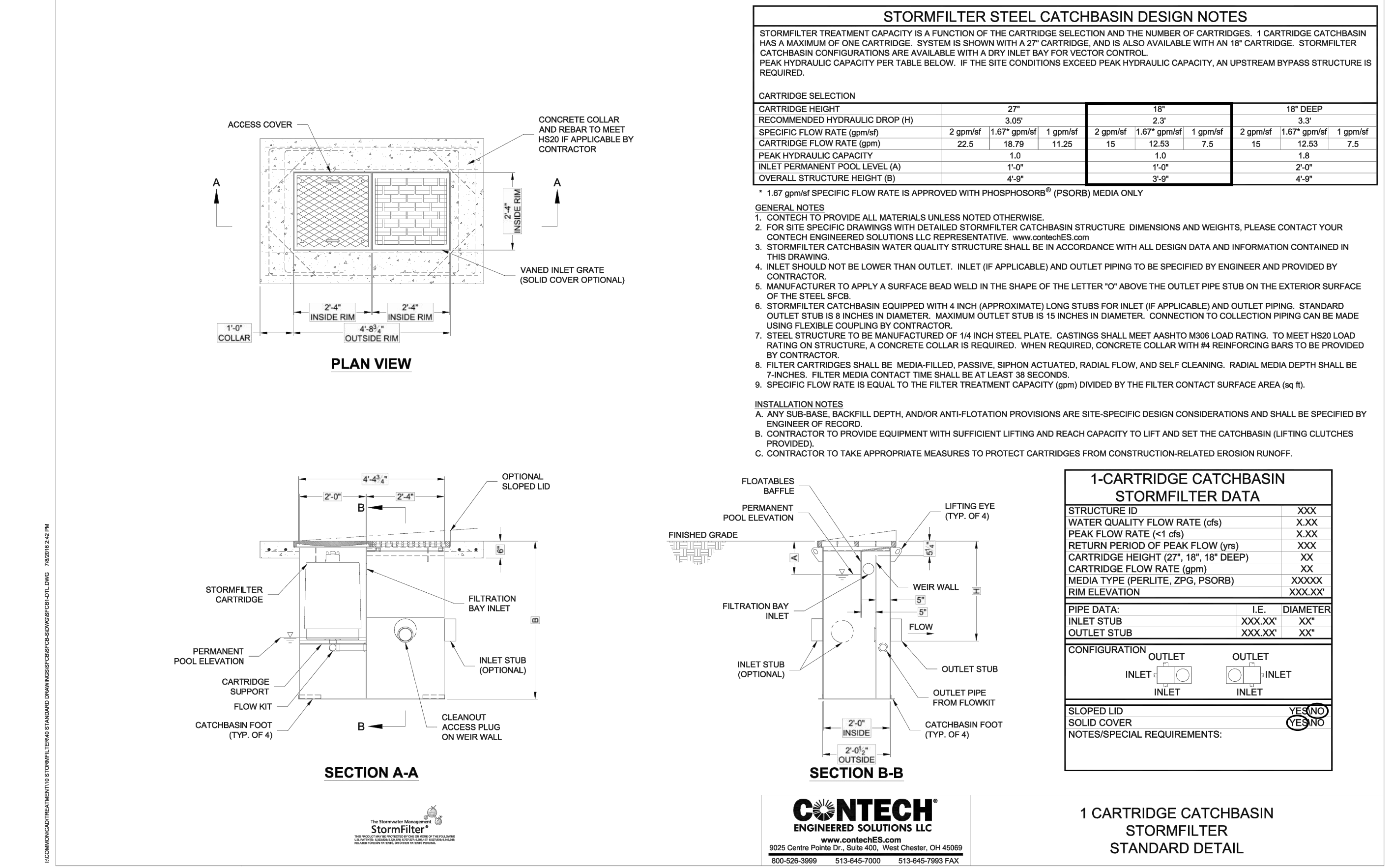
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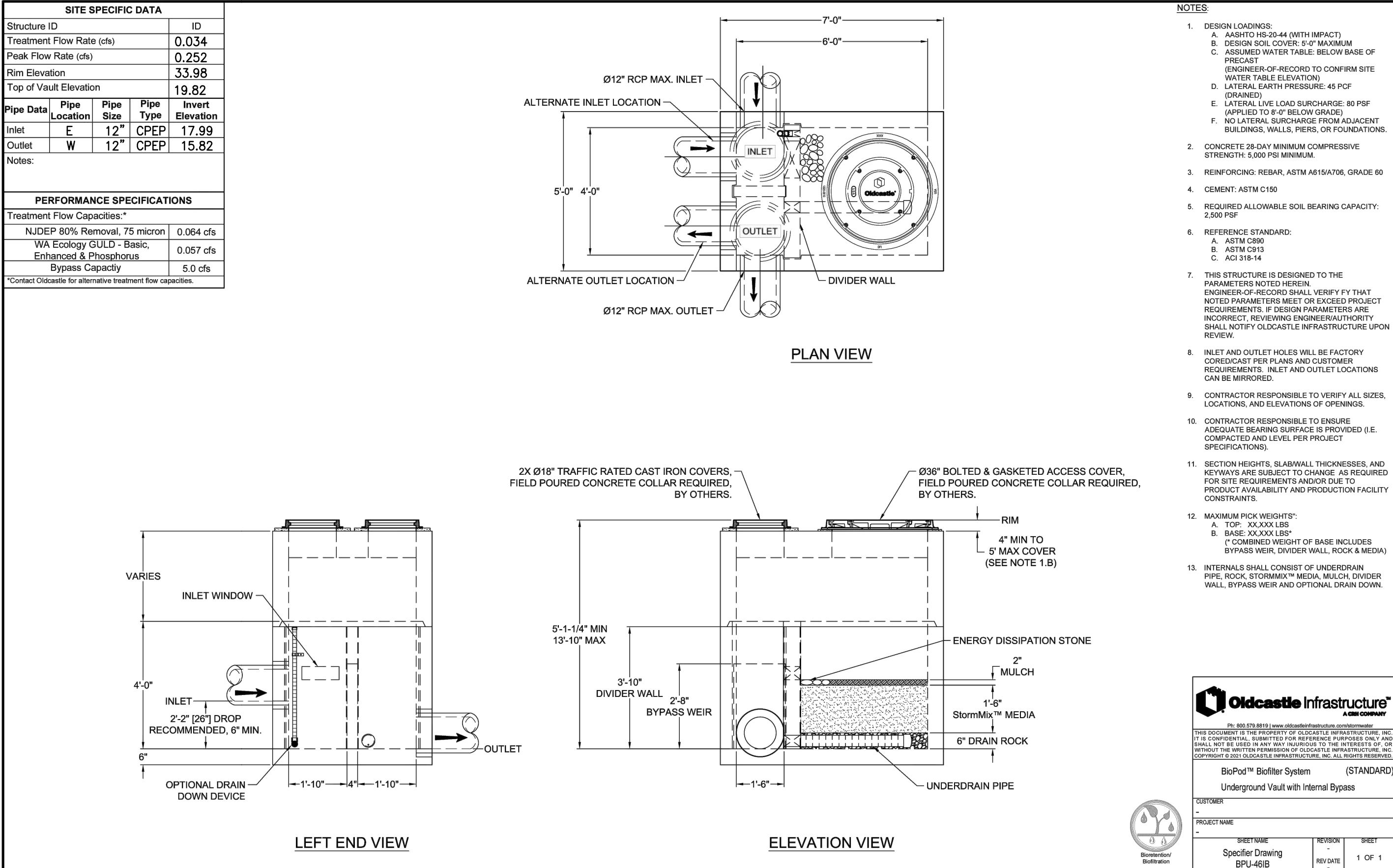
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CB W/STORMFILTER

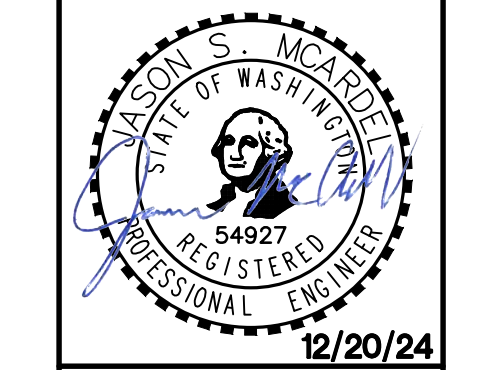


WQ VAULT #1R



Revision
5 12/13/24 JSM JSM SEPA RESUBMITAL
Date By Cktd Appr

Title:
For: VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034
FREEMAN LOGISTICS



Scale:
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Vertical N/A
Designed: JSM
Drawn: DTC
Checked: JSM
Approved: JSM
Date: 12/20/24

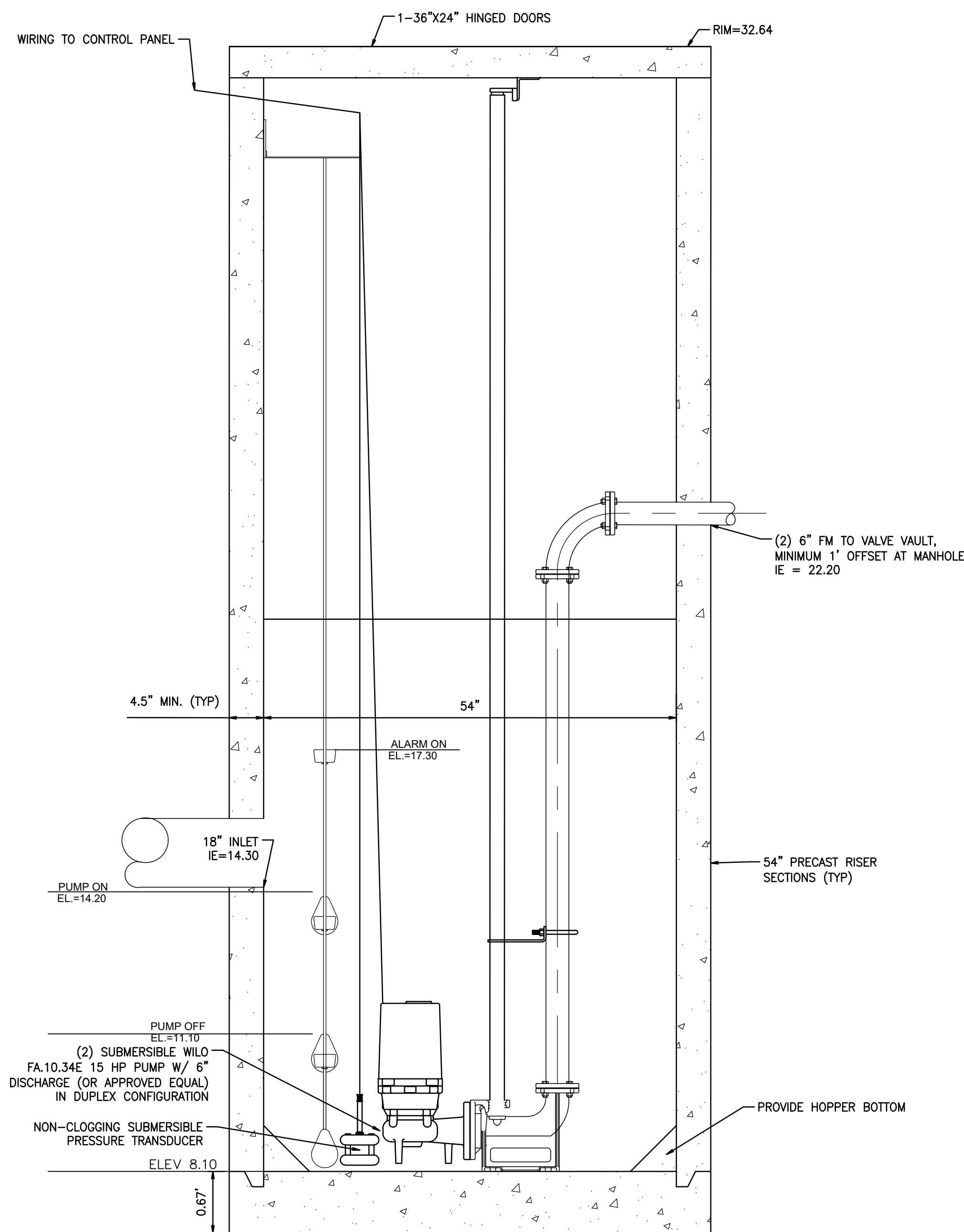
Barghausen Engineers, LLC.
1825 72nd Avenue South
Kent, WA 98032
425.251.6222
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Job Number: 21585
Sheet: C38 of 44
Date: 12/20/24

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BY: _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE: _____

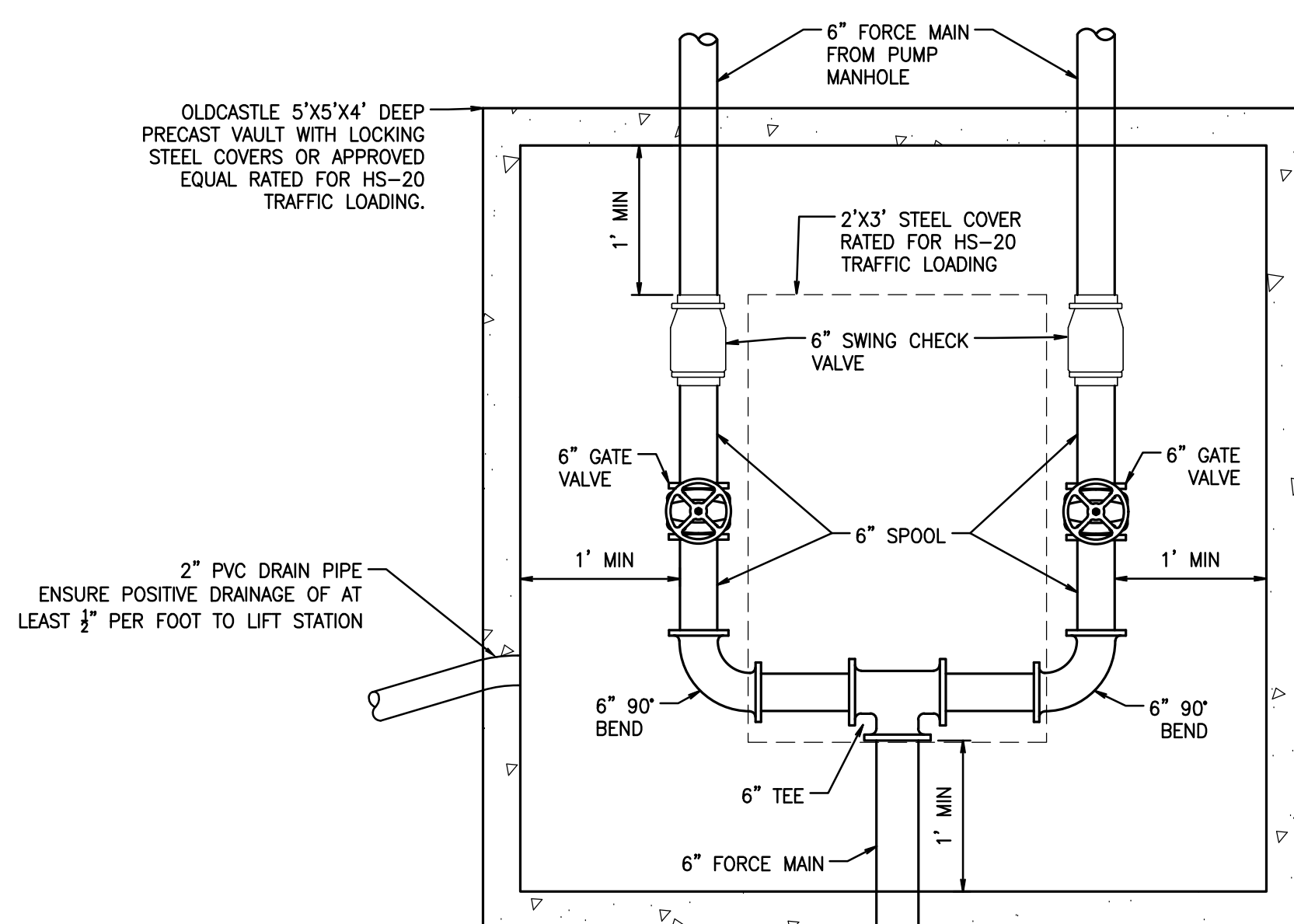
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

PRELIMINARY STORM PUMP DETAILS
 OF
FREEMAN LOGISTICS
 PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
 AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
 PIERCE COUNTY, WASHINGTON



STORM PUMP MANHOLE DETAIL

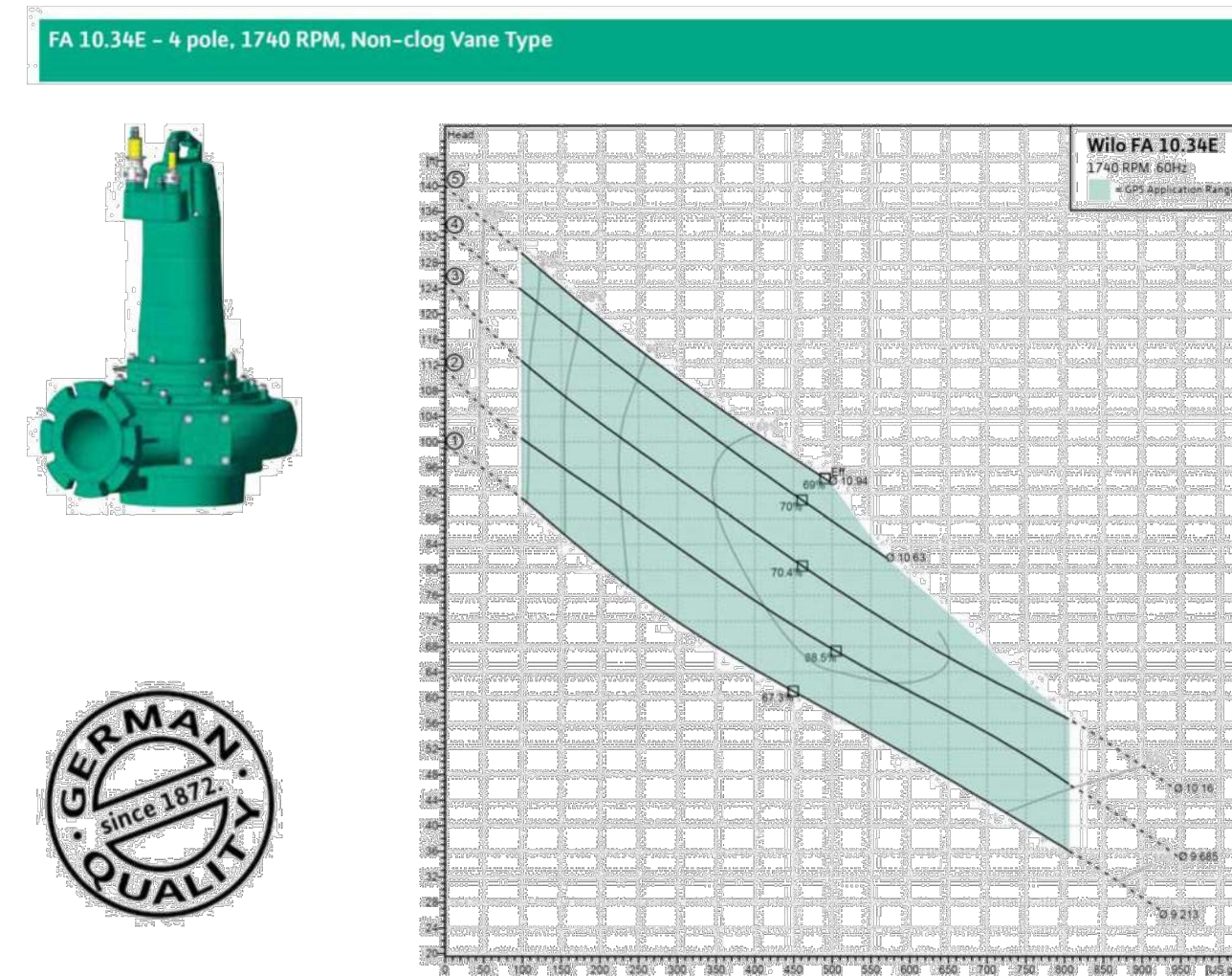
SCALE: HOR. 1"=2' VER. 1"=1'



STORM VALVE VAULT DETAIL

SCALE: NTS

Wilco Quick Ship
Equipment Submittal

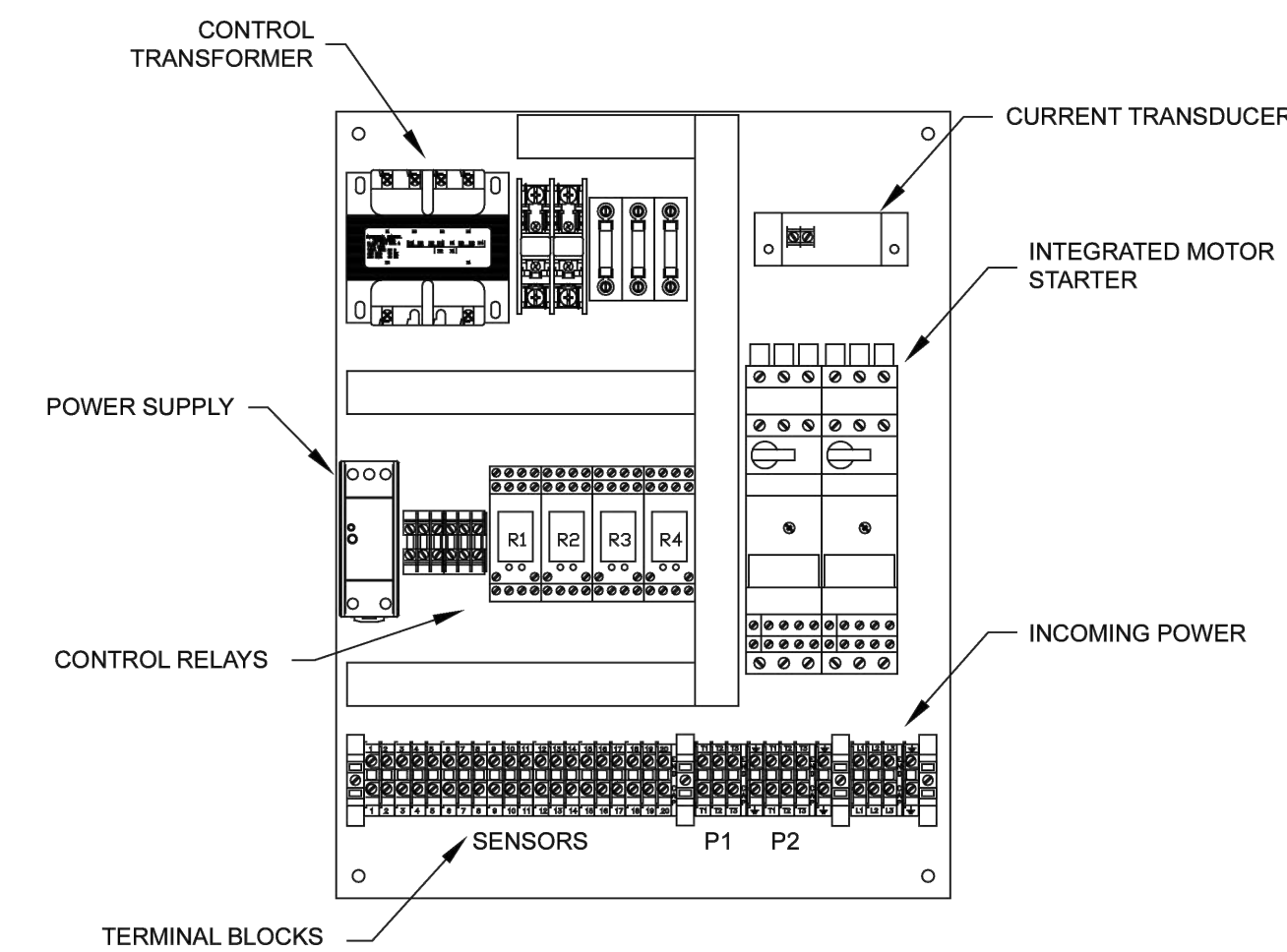
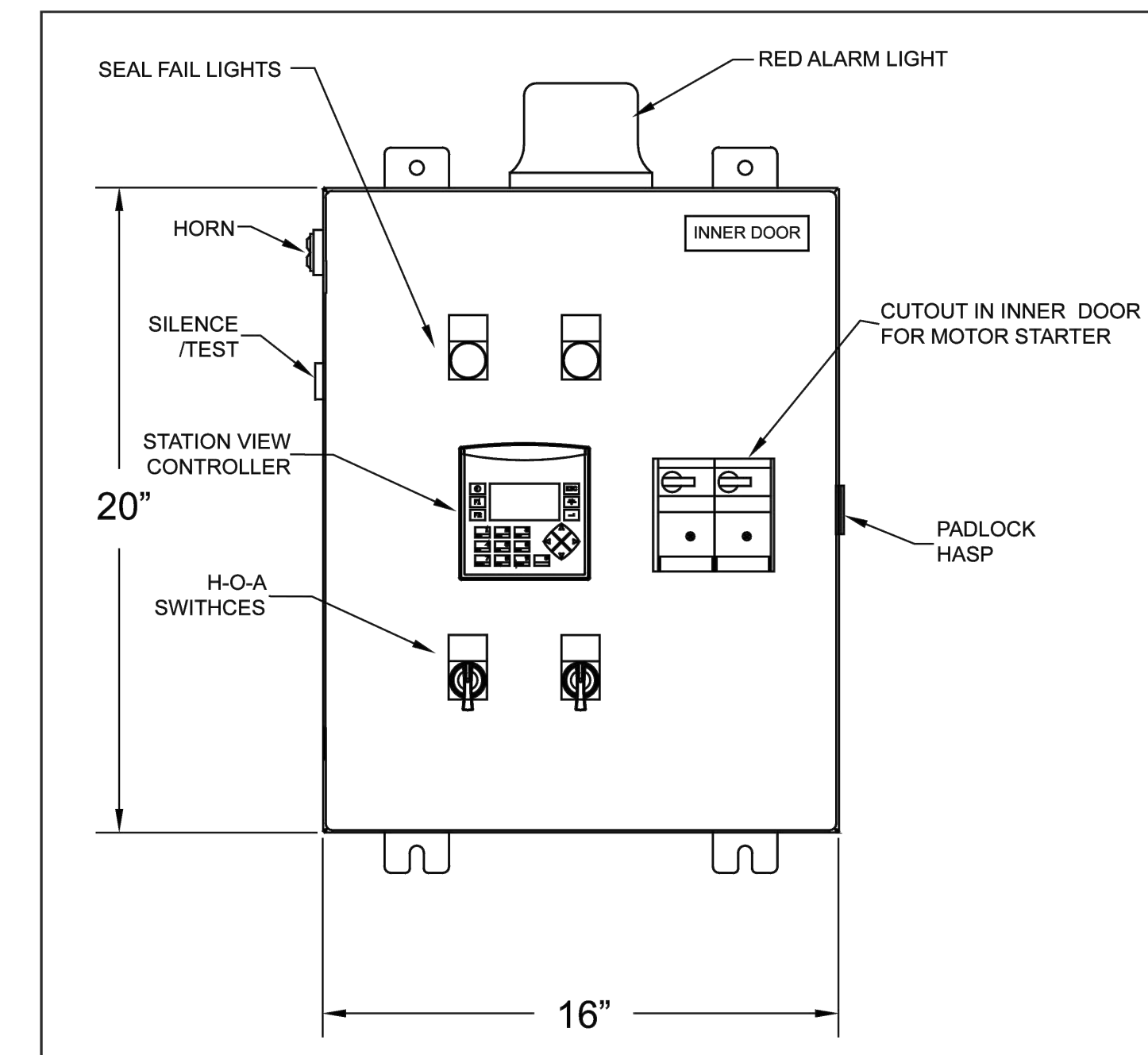


Installation Type	Wet Pit	Impeller Number	Impeller Diameter	Motor HP
Shy Pit	3	0.2151	234	36.5
Wet	2	0.6651	246	36.5
Wet	3	0.6651	258	36.5
Wet	3	0.6651	270	36.5
Wet	3	0.6651	278	36.5

Materials of Construction	Material
Vault	ASTM A153 Class 33 Cast Iron
Impeller	ASTM A153 Class 33 Cast Iron
Vault Wear Ring	AISI 304 Stainless Steel
Impeller Wear Ring	AISI 321 Stainless Steel
	Steel

WILCO USA, LLC
815 Genesis Parkway
Thomasville, GA 31792
T + 888-945-6872
F + 888-945-6873
www.wilco-usa.com

STORM PUMP CURVE



EXAMPLE THREE PHASE DUPLEX LIFT STATION CONTROL PANEL

SCALE: NTS

NOTES:

- EMERGENCY BACKUP GENERATOR TO BE PROVIDED BY CONTRACTOR. SIZING TO BE DETERMINED BASED ON FINAL PUMP SELECTION. GENERATOR TO BE SIZED TO ACCOMMODATE BOTH PUMPS OPERATING. CONTROL PANEL TO BE EQUIPPED WITH AUTOMATIC TRANSFER SWITCH. SEE SITE PLAN FOR SUGGESTED GENERATOR LOCATION.
- CONTROL PANEL TO BE EQUIPPED WITH VARIABLE FREQUENCY DRIVES (VFD) FOR BOTH PUMPS.

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

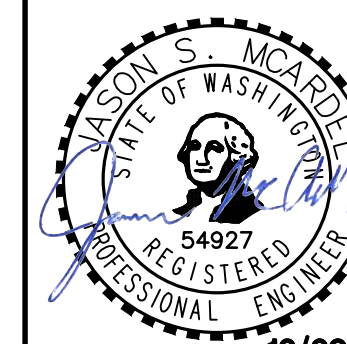
DATE _____

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Revision	SEPA	JSM	JSM	JSM	JSM	JSM	JSM	JSM	JSM
5	12/13/24	DTC	By	Clk.	Appr.				

Title:

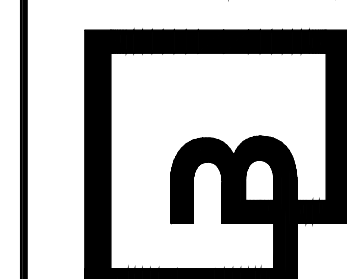
For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:
Horizontal AS SHOWN
Vertical N/A

Designed	Drawn	Checked	Approved	Date
JSM	DTC	JSM	JSM	12/20/24

Barghausen Consulting Engineers, LLC.
18215 72nd Avenue South
Kent, WA 98032
425.251.6222
barghausen.com



Job Number
21585

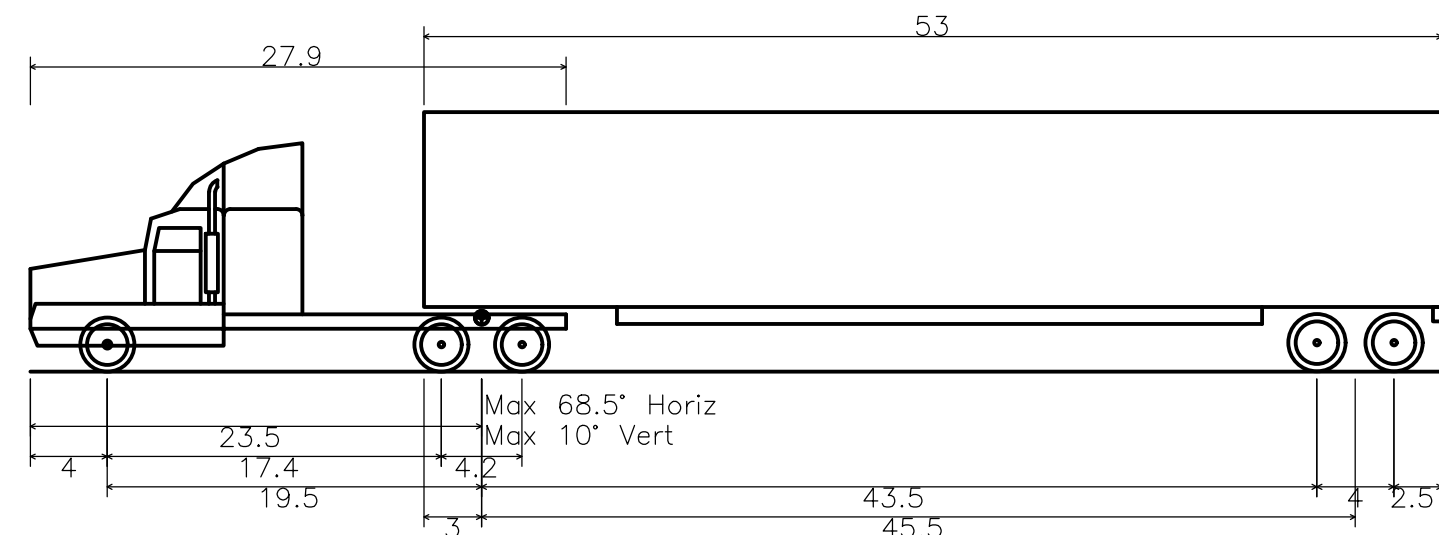
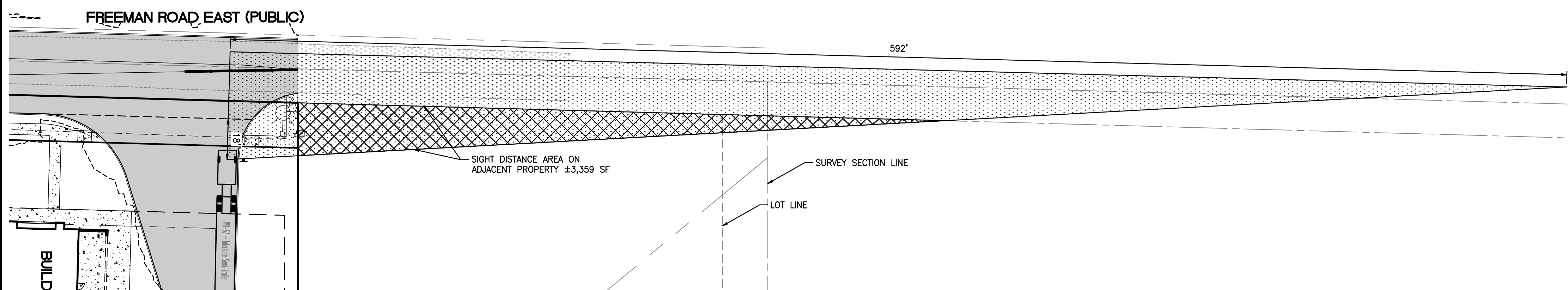
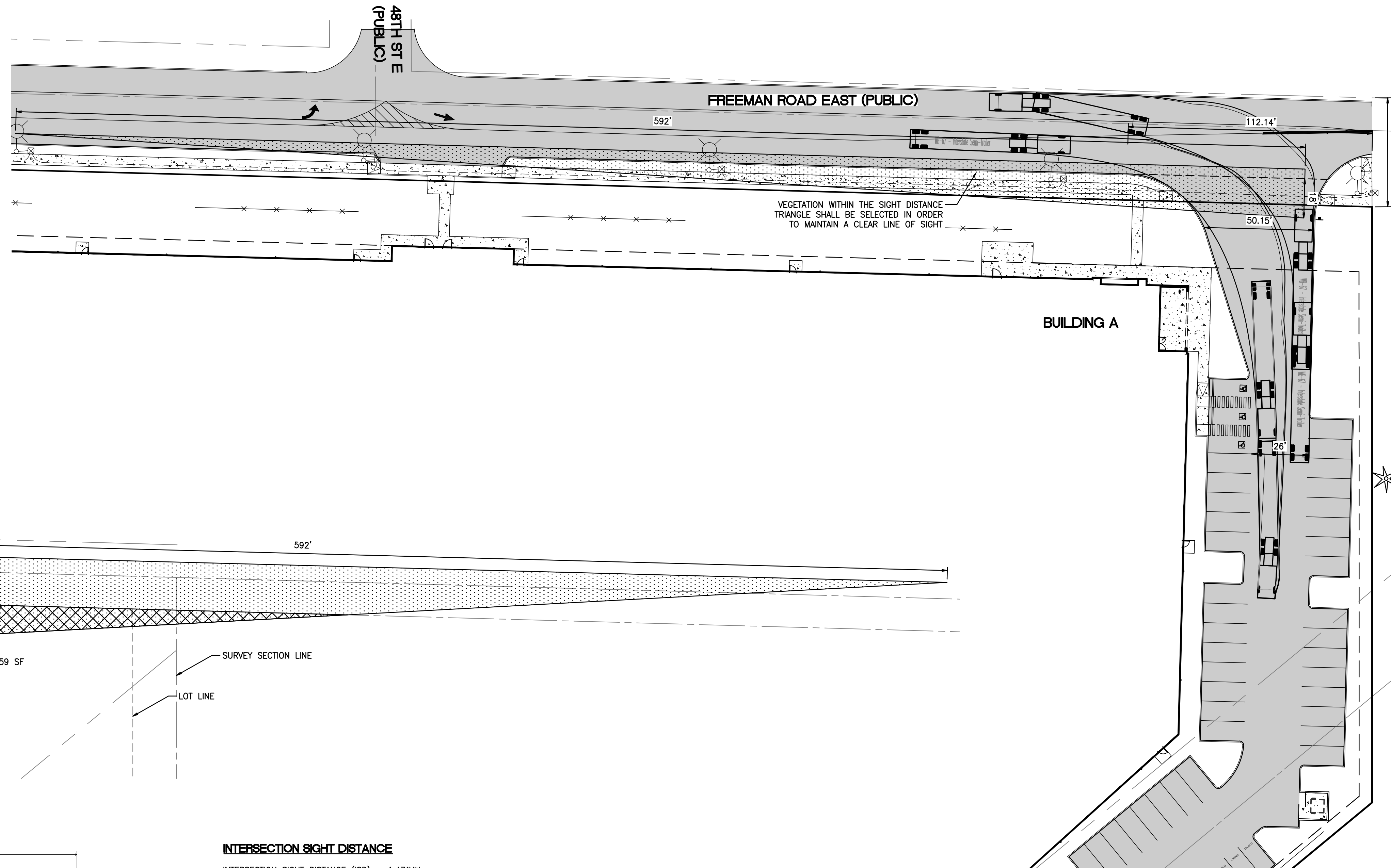
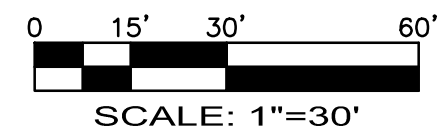
Sheet
C39 of **44**

PRELIMINARY TRUCK TURN EXHIBIT NORTH ACCESS

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



WB-67 - Interstate Semi-Trailer
Overall Length 73.501ft
Overall Width 8.500ft
Overall Body Height 13.500ft
Min Body Ground Clearance 1.334ft
Max Track Width 8.500ft
Lock-to-lock time 6.00s
Max Steering Angle (Virtual) 28.40°

INTERSECTION SIGHT DISTANCE

INTERSECTION SIGHT DISTANCE (ISD) = $1.47 \cdot V \cdot t_g$

WHERE V = DESIGN SPEED (MPH)
SITE POSTED AS 25 MPH ZONE, USE 35 MPH FOR DESIGN SPEED
 t_g = TIME GAP FOR THE PARTICULAR SCENARIO (TYPE OF MANEUVER AND VEHICLE)

- t_g = 6.5 SECONDS FOR PASSENGER VEHICLE TURNING RIGHT
 - t_g = 7.5 SECONDS FOR PASSENGER VEHICLE TURNING LEFT
 - t_g = 10.5 SECONDS FOR COMBINATION TRUCK VEHICLE TURNING RIGHT
 - t_g = 11.5 SECONDS FOR COMBINATION TRUCK VEHICLE TURNING LEFT
- PER AASHTO GREEN BOOK EDITION 7

STOPPING SIGHT DISTANCE

STOPPING SIGHT DISTANCE (SSD) = $1.47 \cdot V \cdot t_b + V^2 / 30 \cdot [(a/32.2) + G]$

WHERE V = DESIGN SPEED (MPH)
SITE POSTED AS 25 MPH ZONE, USE 35 MPH FOR DESIGN SPEED
 t_b = BRAKE REACTION TIME, EQUAL TO 2.5 SECONDS
PER AASHTO GREEN BOOK EDITION 7

- a = DECELERATION, RECOMMENDED VALUE 11.2 FT/S²
- G = GRADE, RISE/RUN (FT/FT)

FOR A LEVEL APPROACH, WITH DESIGN SPEED EQUAL TO 35 MPH, SSD = 250'

No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL
5	12/13/24					

Title:
PRELIMINARY TRUCK TURN EXHIBIT NORTH ACCESS
FOR
FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

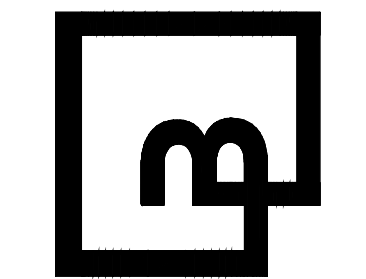


12/20/24

Scale:
Horizontal 1"=30'
Vertical N/A

Designed	Drawn	DTC	Checked	Approved	Date
JSM	JSM	JSM	JSM	JSM	12/20/24

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Kent, WA 98032
425.251.6222
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Job Number
21585
Sheet
C40 of **44**

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BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING
DATE _____

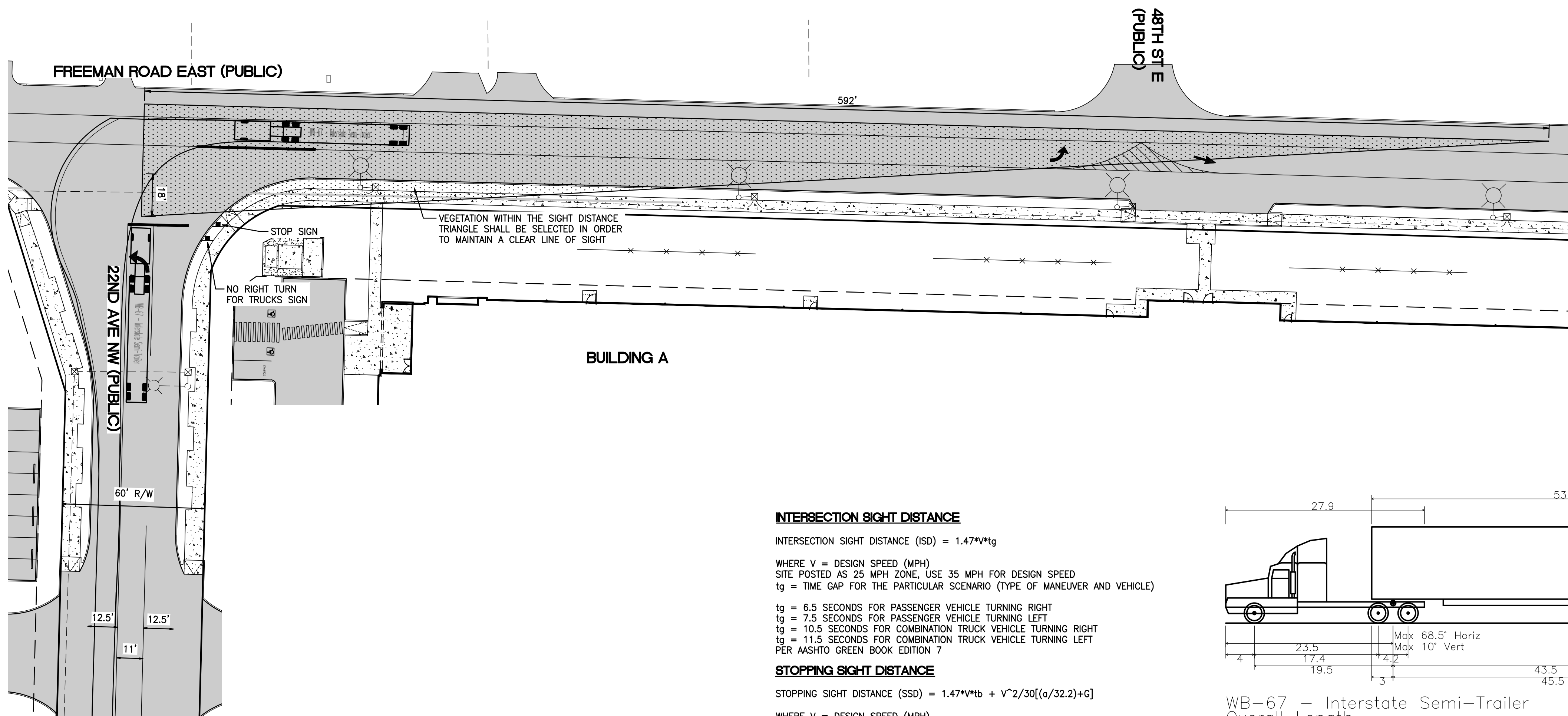
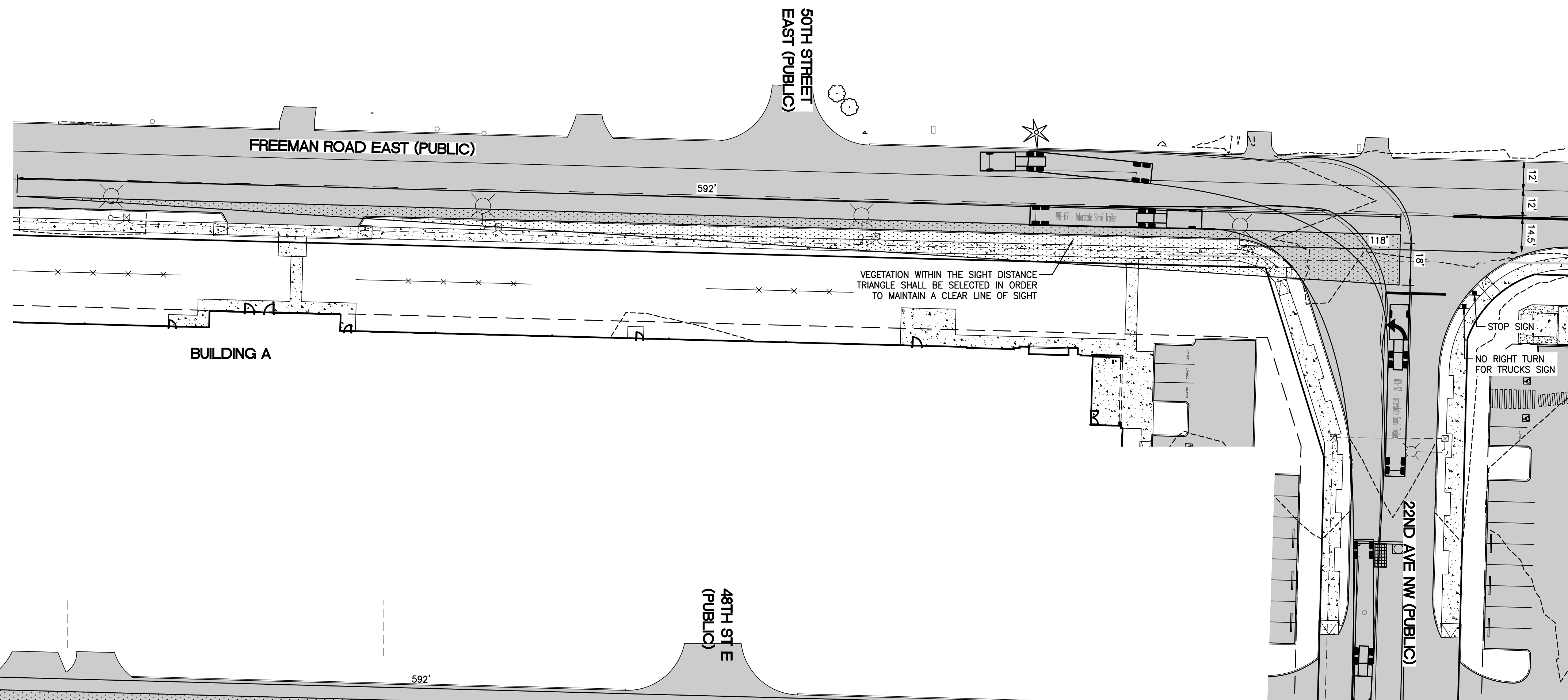
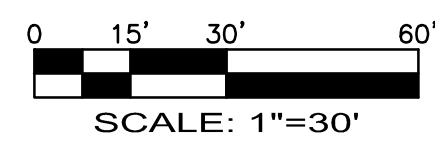
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE. THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS. FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

PRELIMINARY TRUCK TURN EXHIBIT SOUTH ACCESS

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



INTERSECTION SIGHT DISTANCE

INTERSECTION SIGHT DISTANCE (ISD) = $1.47v^3/tg$

WHERE V = DESIGN SPEED (MPH)
SITE POSTED AS 25 MPH ZONE, USE 35 MPH FOR DESIGN SPEED
tg = TIME GAP FOR THE PARTICULAR SCENARIO (TYPE OF MANEUVER AND VEHICLE)

- tg = 6.5 SECONDS FOR PASSENGER VEHICLE TURNING RIGHT
 - tg = 7.5 SECONDS FOR PASSENGER VEHICLE TURNING LEFT
 - tg = 10.5 SECONDS FOR COMBINATION TRUCK VEHICLE TURNING RIGHT
 - tg = 11.5 SECONDS FOR COMBINATION TRUCK VEHICLE TURNING LEFT
- PER AASHTO GREEN BOOK EDITION 7

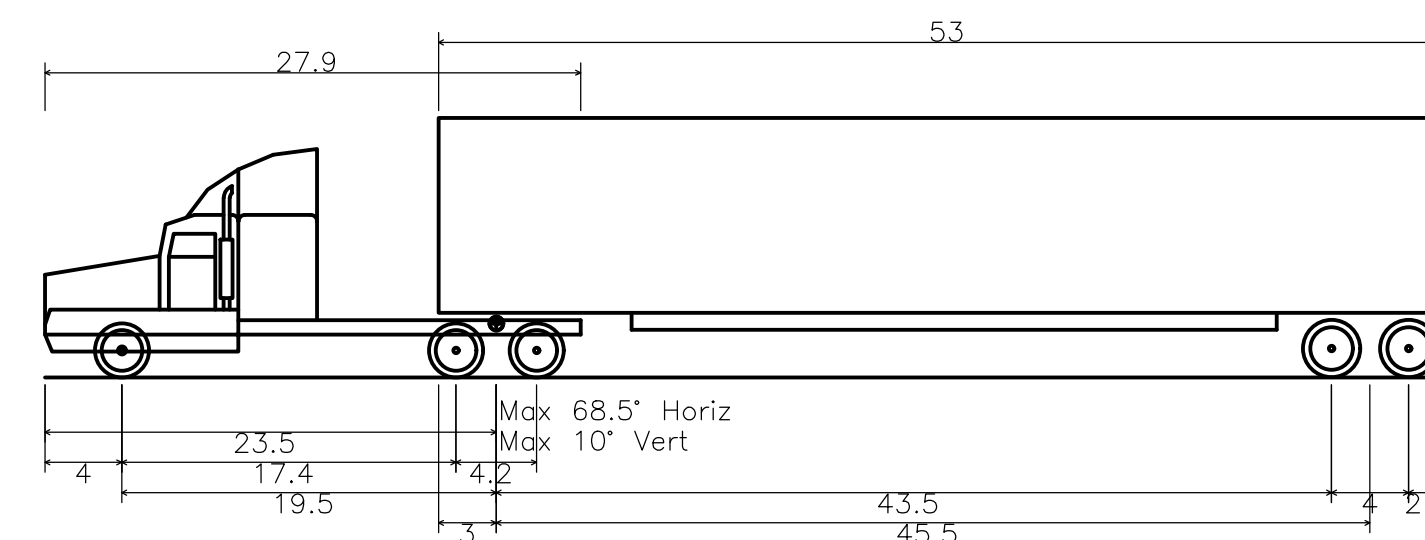
STOPPING SIGHT DISTANCE

STOPPING SIGHT DISTANCE (SSD) = $1.47v^3/tb + v^2/30[(a/32.2)+G]$

WHERE V = DESIGN SPEED (MPH)
SITE POSTED AS 25 MPH ZONE, USE 35 MPH FOR DESIGN SPEED
tb = BRAKE REACTION TIME, EQUAL TO 2.5 SECONDS
PER AASHTO GREEN BOOK EDITION 7

a = DECELERATION, RECOMMENDED VALUE 11.2 FT/S²
G = GRADE, RISE/RUN (FT/FT)

FOR A LEVEL APPROACH, WITH DESIGN SPEED EQUAL TO 35 MPH, SSD = 250'



WB-67 - Interstate Semi-Trailer

Overall Length	73.50ft
Overall Width	8.50ft
Overall Body Height	13.50ft
Min Body Ground Clearance	1.334ft
Max Track Width	8.50ft
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	28.40°

No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL	Revision
5	12/13/24						

Title:
PRELIMINARY TRUCK TURN EXHIBIT SOUTH ACCESS
FOR
FREEMAN LOGISTICS

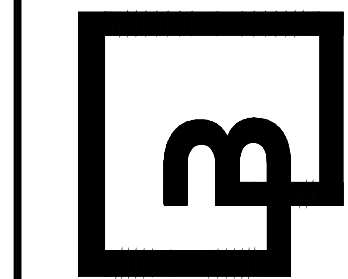
For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:
Horizontal 1"=30'
Vertical N/A

Designed	JSM	Date	12/20/24
Drawn	DTC		
Checked	JSM		
Approved	JSM		

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18215 72nd Avenue South
Kent, WA 98032
425.251.6222
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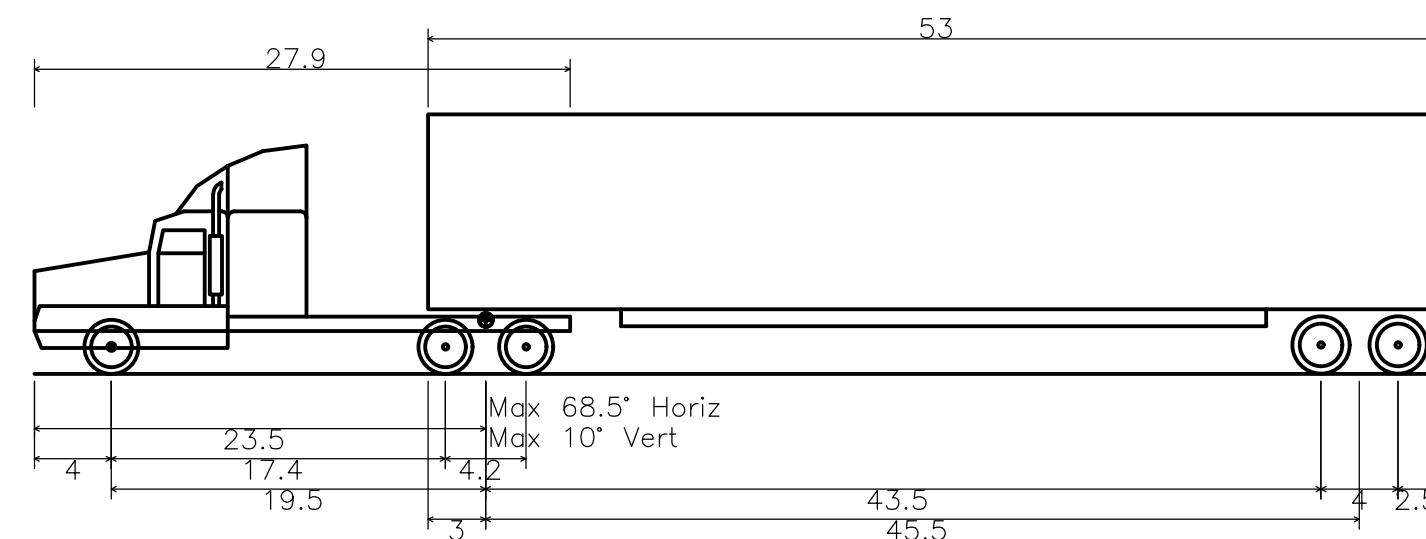
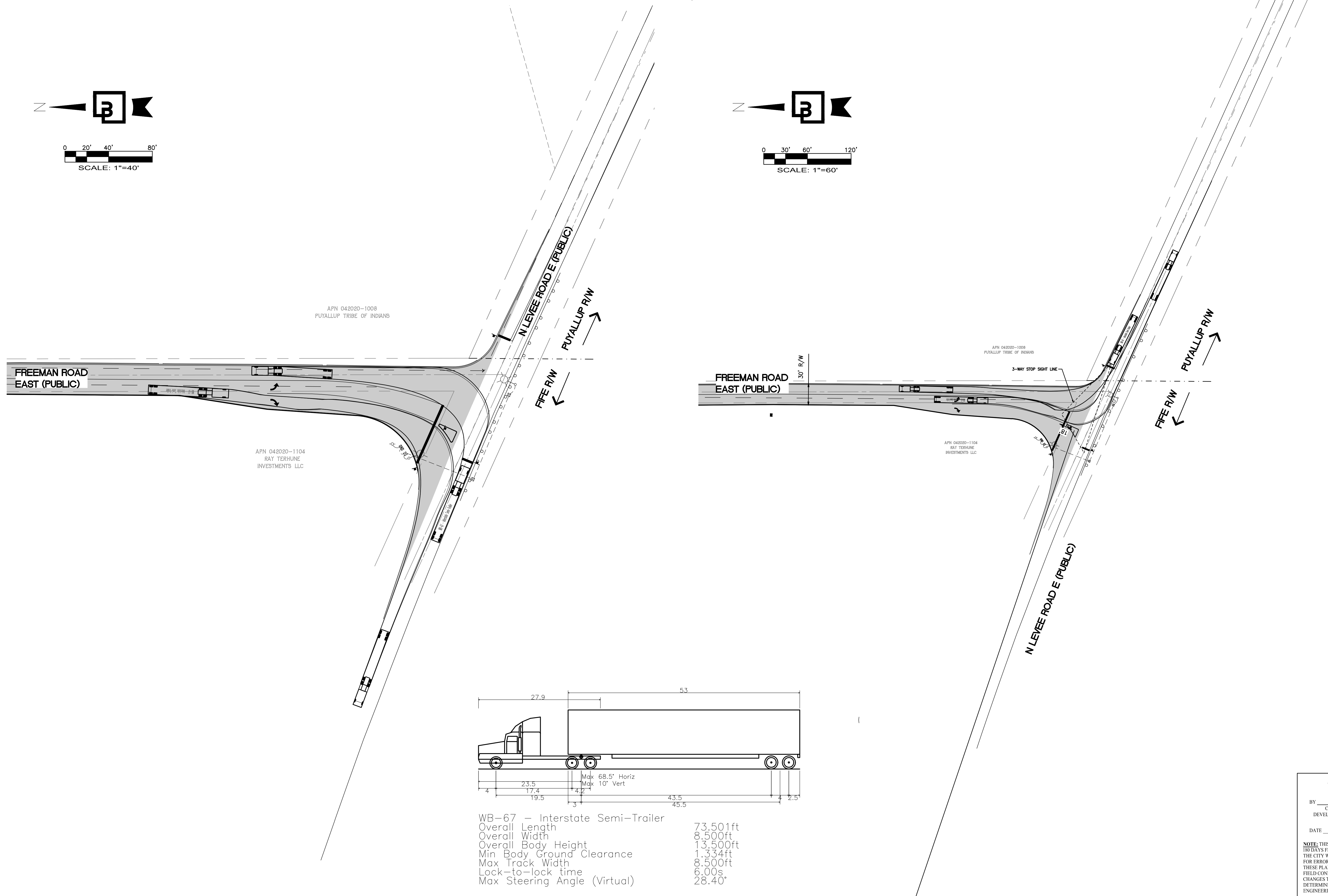
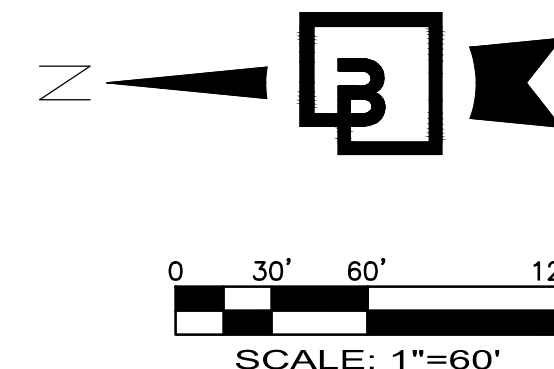
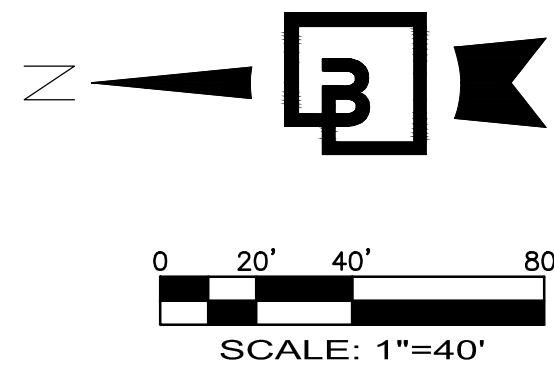
Job Number
21585
Sheet
C41 of **44**

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

PRELIMINARY TRUCK TURN EXHIBIT FREEMAN & LEVEE

OF
FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



WB-67 - Interstate Semi-Trailer
 Overall Length 73.50ft
 Overall Width 8.50ft
 Overall Body Height 13.50ft
 Min Body Ground Clearance 1.334ft
 Max Track Width 8.50ft
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 28.40°

No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL	Revision
5	12/13/24	JSM	JSM	JSM			

Title:
PRELIMINARY TRUCK TURN EXHIBIT FREEMAN & LEVEE FOR FREEMAN LOGISTICS

For:
VECTOR DEVELOPMENT COMPANY
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Scale:	Horizontal	Vertical
	AS SHOWN	N/A
Designed	JSM	
Drawn	DTC	
Checked	JSM	
Approved	JSM	
Date	12/20/24	

Barghausen Consulting Engineers, LLC.
 18215 72nd Avenue South
 Kent, WA 98032
 425.251.6222 barghausen.com

APPROVED
 BY _____
 CITY OF PUYALLUP
 DEVELOPMENT ENGINEERING
 DATE _____

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Job Number
21585

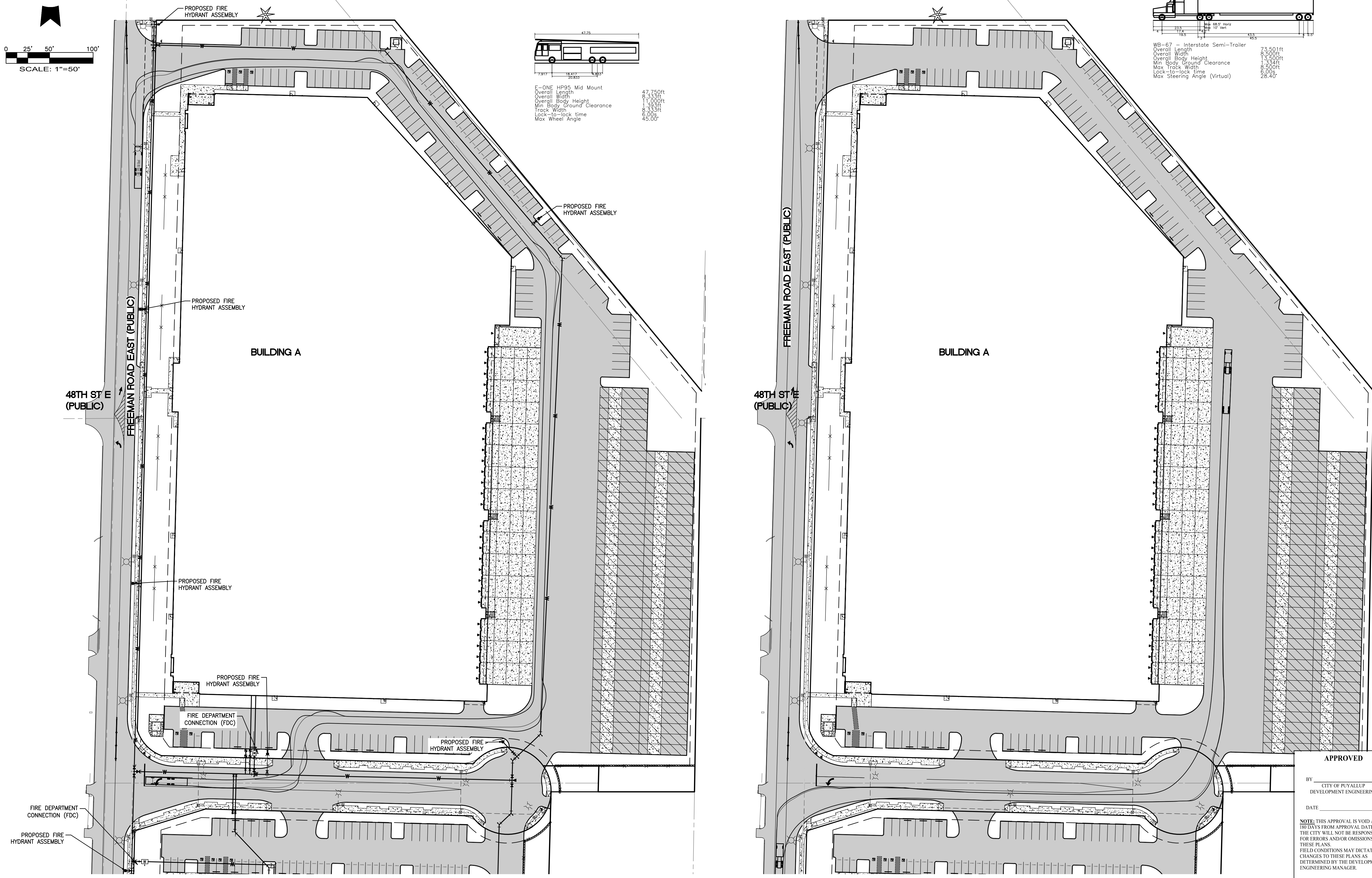
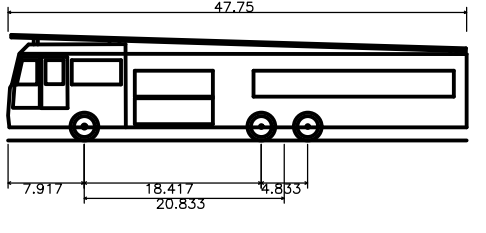
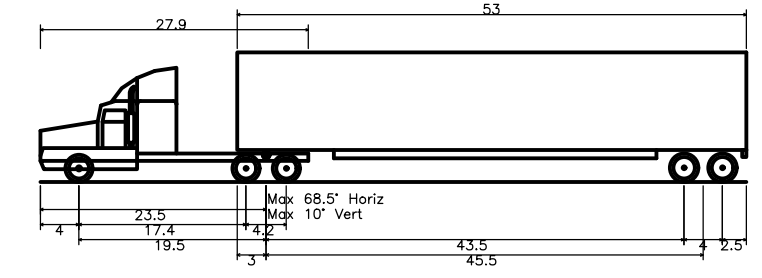
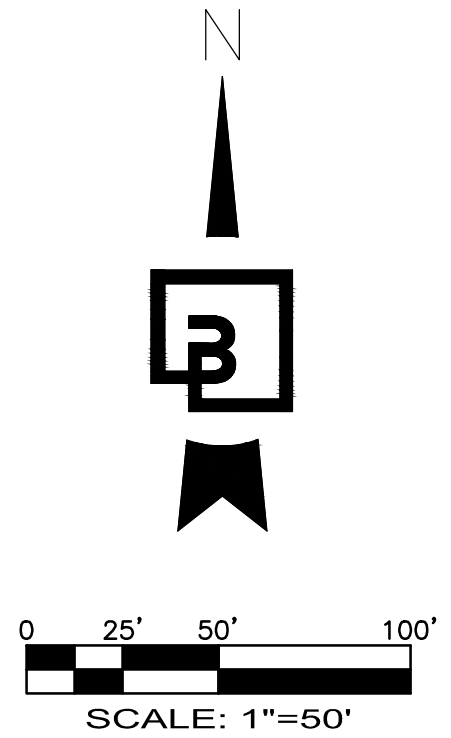
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PRELIMINARY SITE CIRCULATION EXHIBIT - NORTH

OF

FREEMAN LOGISTICS

PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



Revision	Date	By	Clk.	Appr.
5	12/13/24	DTC	JSM	JSM

PRELIMINARY SITE CIRCULATION EXHIBIT - NORTH
FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034



Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

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18215 72nd Avenue South
Kent, WA 98032
425.251.6222 barghausen.com

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

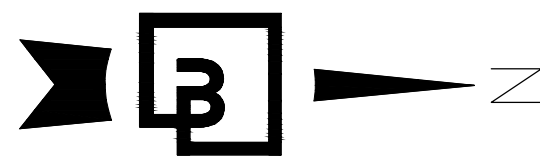
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PRELIMINARY SITE CIRCULATION EXHIBIT - SOUTH

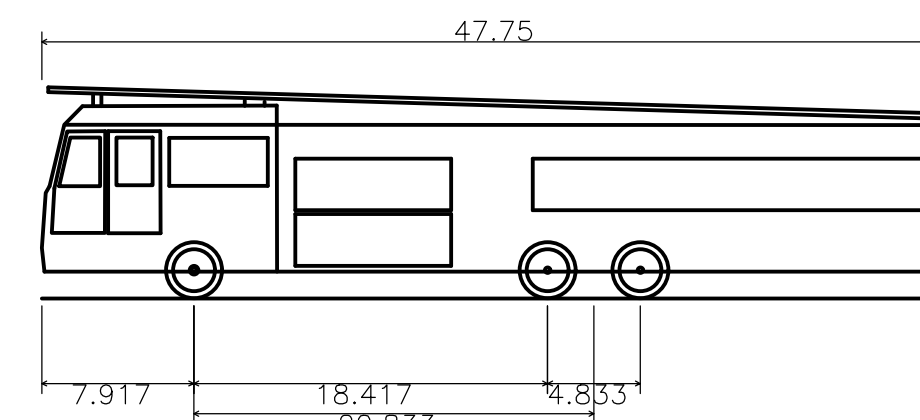
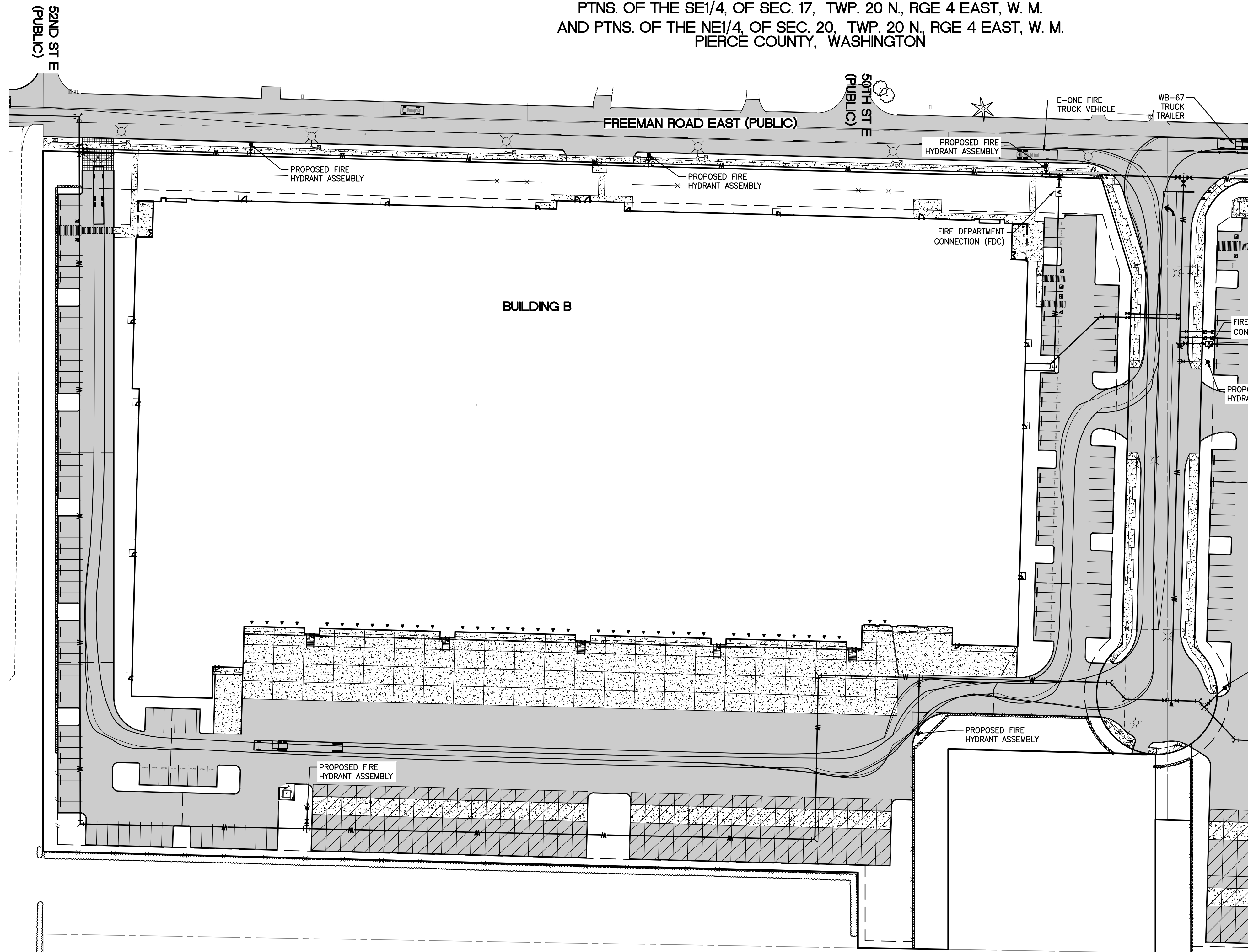
OF

FREEMAN LOGISTICS

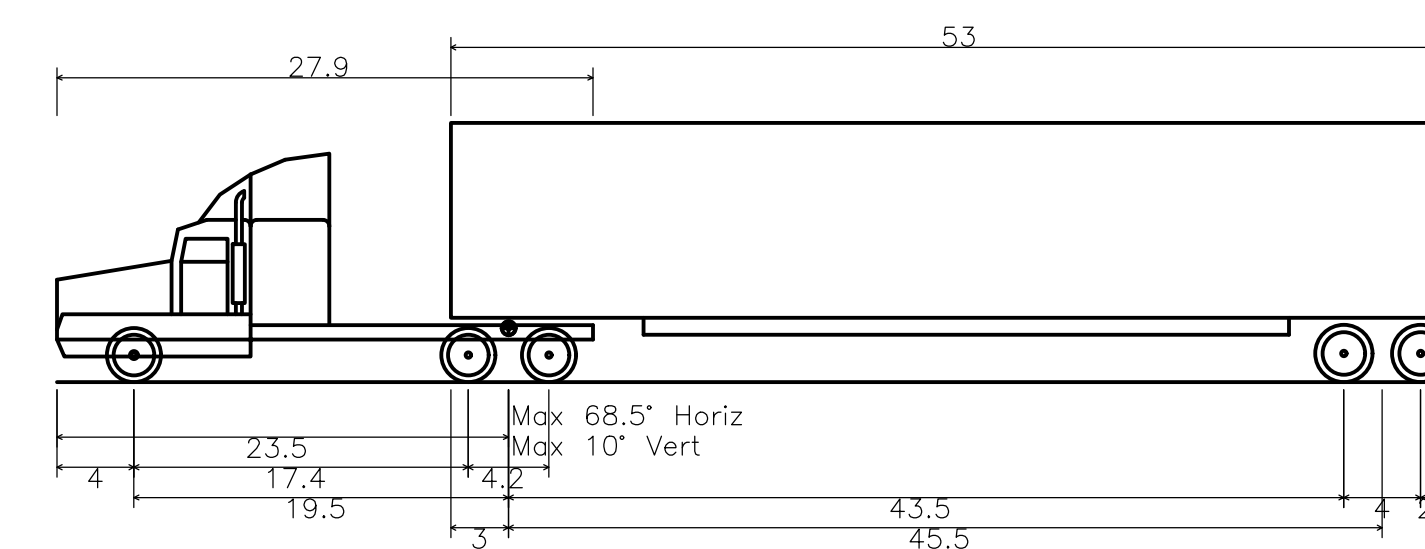
PTNS. OF THE SE1/4, OF SEC. 17, TWP. 20 N., RGE 4 EAST, W. M.
AND PTNS. OF THE NE1/4, OF SEC. 20, TWP. 20 N., RGE 4 EAST, W. M.
PIERCE COUNTY, WASHINGTON



0 25' 50' 100'
SCALE: 1"=50'



E-ONE HP95 Mid Mount
Overall Length 47.750ft
Overall Width 8.333ft
Overall Body Height 11.000ft
Min Body Ground Clearance 1.393ft
Track Width 8.333ft
Lock-to-lock time 6.00s
Max Wheel Angle 45.00°



WB-67 - Interstate Semi-Trailer
Overall Length 73.501ft
Overall Width 8.500ft
Overall Body Height 13.500ft
Min Body Ground Clearance 1.334ft
Max Track Width 8.500ft
Lock-to-lock time 6.00s
Max Steering Angle (Virtual) 28.40°

INTERSECTION SIGHT DISTANCE

INTERSECTION SIGHT DISTANCE (ISD) = $1.47 \cdot V \cdot t_g$

WHERE V = DESIGN SPEED (MPH)
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 t_g = 10.5 SECONDS FOR COMBINATION TRUCK VEHICLE TURNING RIGHT
 t_g = 11.5 SECONDS FOR COMBINATION TRUCK VEHICLE TURNING LEFT
PER AASHTO GREEN BOOK EDITION 7

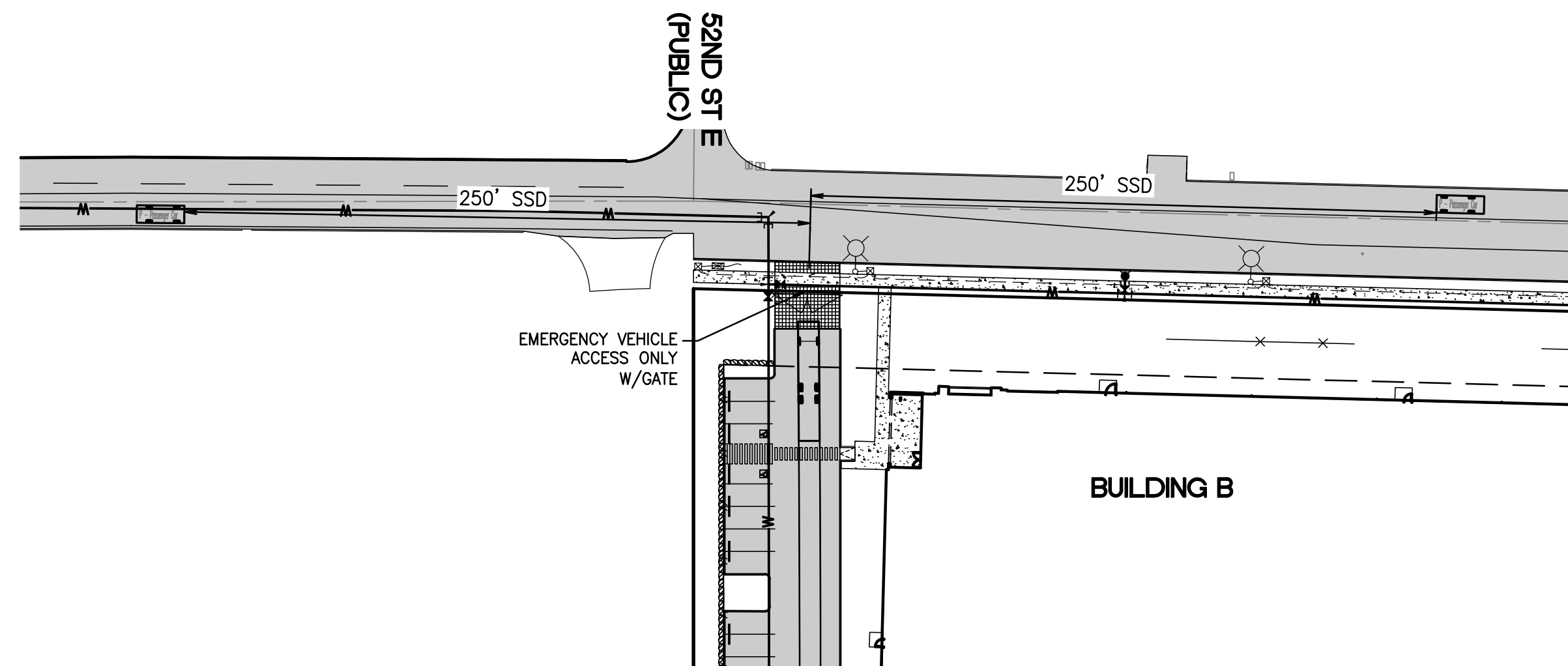
STOPPING SIGHT DISTANCE

STOPPING SIGHT DISTANCE (SSD) = $1.47 \cdot V \cdot t_b + V^2 / 30 \cdot [(a/32.2) + G]$

WHERE V = DESIGN SPEED (MPH)
SITE POSTED AS 25 MPH ZONE, USE 35 MPH FOR DESIGN SPEED
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G = GRADE, RISE/RUN (FT/FT)

FOR A LEVEL APPROACH, WITH DESIGN SPEED EQUAL TO 35 MPH, SSD = 250'



No.	Date	By	Clk.	Appr.	SEPA	RESUBMITTAL
5	12/13/24					

PRELIMINARY SITE CIRCULATION EXHIBIT - SOUTH
FOR
FREEMAN LOGISTICS

For: **VECTOR DEVELOPMENT COMPANY**
11411 NE 124TH STREET
SUITE 190
KIRKLAND, WA 98034

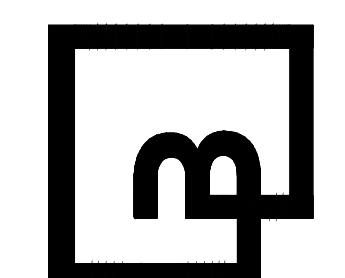


12/20/24

Scale: Horizontal 1"=50' Vertical N/A

Designed	JSM
Drawn	DTC
Checked	JSM
Approved	JSM
Date	12/20/24

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Kent, WA 98032
425.251.6222
barghausen.com



Job Number
21585
Sheet
C44 of **44**

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