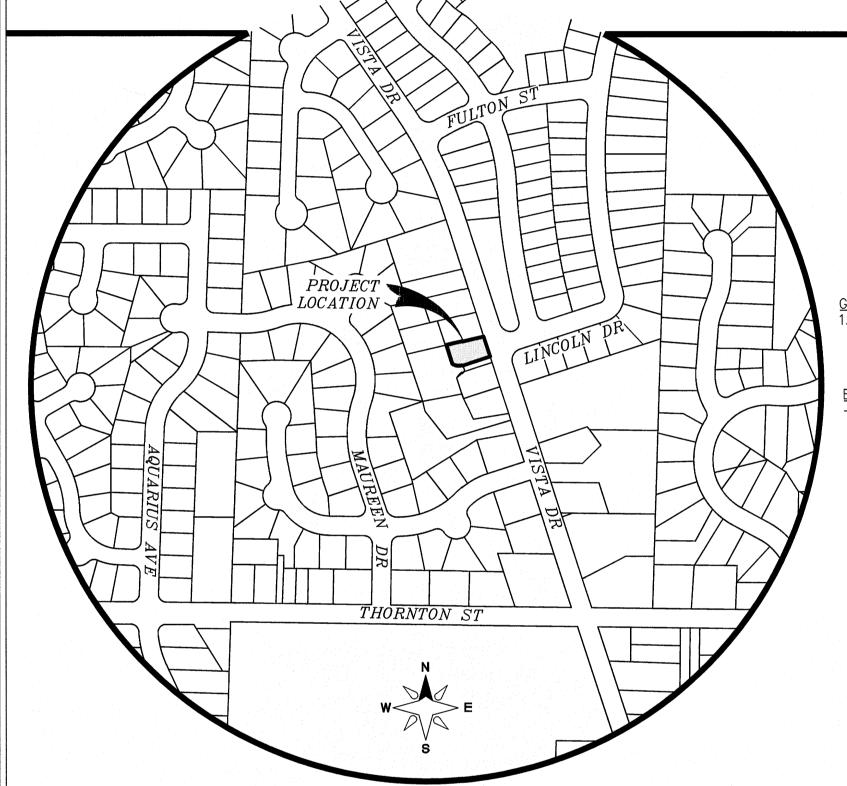
HANSEN RENTALS RECORD DRAWINGS



SHEET INDEX

- 1. COVER SHEET & **CITY OF FERNDALE GENERAL NOTES**
- 2. WATER & SEWER PLAN
- 3. TEMPORARY EROSION & SEDIMENTAION **CONTROL PLAN & DETAILS**
- 4. CITY OF FERNDALE DETAILS

1. WORK PERFORMED OUTSIDE CITY RIGHT-OF-WAY ON PRIVATE PROPERTY REQUIRES PROJECT CERTIFICATION BY THE ENGINEER OF RECORD (EOR) FOR PROJECT ACCEPTANCE.

EXISTING SEWER LOCATION INFORMATION PROVIDED BY CLIENT FROM PRODIGY PLUMBING. ALL OTHER UTILTIES ARE BASED ON AERIAL IMAGES AND CITY OF FERNDALE GIS.

LEGEND

_____s ____s ____

a and come and come and come and come families

= EXIST SANITARY SEWER LINE = EXIST STORM DRAIN LINE

= EXISTING WATER METER BOX

= PROPOSED STORM DRAIN LINE = PROPOSED WATER LINE = PROPOSED SANITARY SEWER SERVICE = PROPOSED SEWER CLEANOUT

= EXISTING WATER SPIGOT = PROPOSED WATER METER = PROPOSED STORM DRAIN CATCH BASIN

= EXISTING ASPHALT = EXISTING BUILDING

= PROPOSED SILT FENCE

UTILIZING ELECTRONIC DATA COLLECTION ON FEBRUARY AND

2) EQUIPMENT USED: LEICA MS60: 00'1" ± 1 PPM, ±1.5 MM & LEICA GS14 RTK/WSRN. PRECISION EXCEEDS LINEAR CLOSURES OF 1:10,000 PER WAC 332-130-090

1) DATA FOR THIS SURVEY WAS GATHERED BY FIELD TRAVERSE

3) HORIZONTAL DATUM: CITY OF FERNDALE MONUMENT NETWORK WASHINGTON STATE NORTH ZONE NAD 83/91 VERTICAL DATUM: NGVD29 (COF MON# 5, ELEV=220.76')

4) BOUNDARY SHOWN HEREON IS PER RECORD ONLY, NO ATTEMPT HAS BEEN MADE TO VERIFY THE ACCURACY OF SAID

LEGAL DESCRIPTION:

SURVEYOR'S NOTES:

LOT 3 OF KEITGES SHORT PLAT PER THE PLAT THEREOF RECORDED UNDER WHATCOM COUNTY AUDITOR'S FILE NUMBER 1348594

CONTROL NOTES:

CITY OF FERNDALE COMPREHENSIVE MAPPING

BASIS OF BEARING: NAD83/91 VERTICAL CONTROL: NGVD29

FERN 05: BASIS OF COORDINATE & REFERENCE BENCHMARK FOUND A BRASS DISK AT EXIT DRVEWAY FOR VISTA SCHOOL NORTHING: 683'701.32' EASTING: 1'214'911.44'

ELEVATION: 220.76' FERN-04: BASIS OF BEARING FOUND SURFACE MONUMENT NORTH OF CONCRETE CURB EAST SIDE EAST ENTRANCE EAGLE RIDGE NORTHING: 684'485.00' EASTING: 1'209'546.55'

OF WASHINGTON, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION" (WSDOT SPECS.), THE CITY OF FERNDALE DEVELOPMENT STANDARDS (COFDS) AND THE 2005 VERSION OF THE DEPARTMENT OF ECOLOGY STORM WATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON (DOE MANUAL). IN CASE OF A CONFLICT BETWEEN PLANS, REGULATORY STANDARDS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT WILL PREVAIL

PLANS AND OTHER CONSTRUCTION DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES. THROUGHOUT THE PERIOD OF CONSTRUCTION, CONTRACTOR SHALL COMPLY WITH THE TERMS OF ALL PERMITS. THE CONTRACTOR MUST HAVE A FULL SET OF CITY CONTRACT DOCUMENTS ON THE SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN

OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL

CONSTRUCTION NOISE SHALL BE LIMITED TO BETWEEN 7 a.m. TO 8 p.m., MONDAY THROUGH SATURDAY, THE CONTRACTOR SHALL CONTACT THE UTILITIES UNDERGROUND LOCATION CENTER AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. PHONE: 1—800—424—5555. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL OF THE VARIOUS UTILITY COMPANIES TO ARRANGE FOR FIELD LOCATIONS OF ALL EXISTING UTILITY FACILITIES. NO EXTRA COMPENSATION WILL BE PAID TO THE INCLUDING COSTS FOR REPAIRS, WHICH WILL BE CONTRACTOR'S SOLE RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL EXISTING UTILITIES AND TO NOTIFY THE ENGINEER PROMPTLY OF ANY CONFLICT BETWEEN THE

APPROVED PLANS AND THE LOCATION OF ANY EXISTING UTILITIES. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE RESULTING FROM SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISRUPTED BY THE PROJECT IMMEDIATELY AFTER CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING OR GRADING IN CONFORMANCE WITH THE EROSION & SEDIMENTATION CONTROL PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). ONSITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.

SITE CLEARING SHALL INCLUDE THE LOCATION AND REMOVAL OF ALL ABOVE WITHIN THE PUBLIC RIGHT-OF-WAY.

THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION MEETING WITH REPRESENTATIVES OF THE CITY OF FERNDALE PUBLIC WORKS DEPARTMENT AND THE PROJECT ENGINEER A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. THE CITY WILL SCHEDULE THE MEETING 11. ALL WORK AND MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE CITY OF FERNDALE PUBLIC WORKS DEPARTMENT REPRESENTATIVES FROM THE CITY OF FERNDALE PUBLIC WORKS DEPARTMENT MUST INSPECT ALL WORK IDENTIFIED ON THE PLAN

BOTH PUBLIC AND PRIVATE. THE CONTRACTOR SHALL CALL AT LEAST 24 HOURS IN ADVANCE TO SCHEDULE INSPECTIONS AS FOLLOW: PLACEMENT OF TEMPORARY EROSION CONTROL MEASURES. CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES.

PLACEMENT OF WATER MAIN AND BACKFILLING OF WATER MAIN TRENCH WITHIN ROAD RIGHTS OF WAY OR IN WATERLINE EASEMENT TO BE DEDICATED TO THE CITY OF FERNDALE. PLACING OR BACKFILLING OF UNDERGROUND UTILITIES, STORM SEWER AND SANITARY SEWER WITHIN ROAD RIGHTS-OF-WAY, IN EASEMENTS TO BE DEDICATED TO THE CITY OF FERNDALE, OR OTHER PUBLICLY SHARED FACILITIES.

GRADING OF PUBLIC OR PRIVATE ROADWAY AT: COMPLETION OF EXCAVATION TO SUBGRADE COMPLETION OF BALLAST COURSE PLACEMENT

COMPLETION OF CRUSHED SURFACING COURSE PLACEMENT POURING OF CURB AND GUTTER AND SIDEWALK IN PUBLIC ROADWAY.

ASPHALT PAVING IN PROGRESS IN PUBLIC ROADWAY. OVERALL INSPECTION FOR FINISHED SHOULDERS, DITCHES, PERMANENT SEEDING AND MONUMENT PLACEMENT.

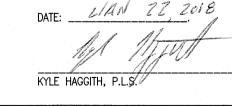
END OF MAINTENANCE PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO PERFORMING THE WORK. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS 1-07.23- TRAFFIC CONTROL, SHALL APPLY. 13. THE CONTRACTOR SHALL INFORM THE ENGINEER AND OBTAIN APPROVAL FROM THE CITY OF FERNDALE PUBLIC WORKS DIRECTOR OF ANY PROPOSED DEVIATION FROM THE APPROVED PLANS PRIOR TO CONSTRUCTION OF THE REVISED IMPROVEMENTS. THE CONTRACTOR

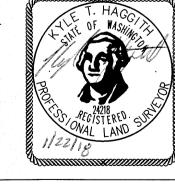
SHALL KEEP RECORDS OF ALL DEVIATIONS AND SHALL FORWARD THEM TO THE ENGINEER AND TO THE CITY OF FERNDALE PUBLIC WORKS DEPARTMENT. 14. AS-BUILT DATA SHALL BE PROVIDED TO THE CITY OF FERNDALE UPON COMPLETION OF CONSTRUCTION AND PROVIDED IN CITY OF FERNDALE DATUM - VERTICAL (NGVD 29) AND HORIZONTAL (NAD 83). CONTACT THE CITY FOR MORE INFORMATION ON SUBMITTAL



I HEREBY CERTIFY THAT THE IMPROVEMENTS IN "HANSEN RENTALS" HAVE BEEN INSPECTED BY LDES AND TO THE BEST OF MY KNOWLEDGE, HAVE BEEN CONSTRUCTED IN CONFORMANCE WITH THE CITY OF FERNDALE DEVELOPMENT STANDARDS, THE CITY OF FERNDALE MUNICIPAL CODE, SUBSEQUENT TANDARDS/ADOPTED BY REFERENCE THEREIN, AND STANDARD ENGINEERING

CERTIFY THAT THE LOCATIONS, ELEVATIONS, DEPTHS, AND AS-BUILT COMMENTS REFLECTING MATERIALS ACTUALLY USED DURING CONSTRUCTION ACCURATELY REFLECT EXISTING FIELD CONDITIONS AS DETERMINED BY ME OR UNDER MY DIRECT SUPERVISION ON THIS





- COLLECTION OF ALL REQUIRED AS-BUILT DATA. THIS DATA MUST ACCURATELY REFLECT THE LOCATIONS OF ALL UNDERGROUND UTILITIES, BOTTOM OF PIPE ELEVATIONS, INVERT ELEVATIONS, MANHOLE LOCATIONS, WATER SERVICE TAPS, HORIZONTAL BENDS, SERVICE BOXES AND METERS, VALVES AND HYDRANTS. CALL THE PROJECT ENGINEER AT LEAST 48-HOURS BEFORE BURYING UNDERGROUND PIPE TO ASSURE AND FACILITATE REQUIRED AS-BUILT SURVEY. THE CONSTRUCTION OF UNDERGROUND UTILITY LINES SHALL BE SUBJECT TO THE FOLLOWING CRITERIA
- NO MORE THAN 500 FEET OF TRENCH SHALL BE OPENED AT ONE TIME. WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL SHALL BE PLACED ON THE
- TRENCH DEWATERING DEVICES SHALL DISCHARGE INTO SEDIMENT TRAPS OR SEDIMENT PONDS WHERE PRACTICAL, INSTALL GRAVITY PIPE UTILITIES PRIOR TO INSTALLATION OF OTHER UTILITIES. UTILITY CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF FERNDALE
- DEVELOPMENT STANDARDS ALL UTILITY TRENCHES IN THE RIGHT OF WAY SHALL BE BACKFILLED WITH 5/8-INCH MINUS WELL GRADED CRUSHED
- TESTING OF NEW WATER LINES, STORM SEWER SYSTEMS SHALL NOT BE PERFORMED UNTIL ALL OTHER ADJACEN' UTILITIES HAVE BEEN INSTALLED.
- ALL UTILITY TRENCHES SHALL BE BACKFILLED AND COMPACTED TO 95% DENSITY IN LIFTS NOT TO EXCEED 24 INCHES WITH A "HOE PACK, OR 8 INCHES WITH HAND-OPERATED COMPACTION." OPEN CUTTING OF EXISTING ROADWAYS IS ONLY ALLOWED AS APPROVED AND NOTED ON THESE APPROVED PLANS. ANY OPEN CUT SHALL BE RESTORED IN ACCORDANCE WITH THE FERNDALE STANDARD TRENCH DETAIL(S). ALL UTILITY TRENCHES UNDERNEATH AN EXISTING ROADWAY SHALL BE BACKFILLED WITH 150 PSI CONTROLLED DENSITY
- H. NO PART OF THE DRAINAGE SYSTEM MAY BE COVERED, CONCEALED, OR PUT INTO USE UNTIL IT HAS BEEN INSPECTED, TESTED, AND ACCEPTED BY THE CITY INSPECTOR

THE FOLLOWING STANDARD DETAILS SHALL BE USED IN CONSTRUCTING WATER SUPPLY SYSTEM IMPROVEMENTS:

- WATER SERVICE COFSD W-5 ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF FERNDALE DEVELOPMENT STANDARDS, SECTIONS 702 AND 705 AND THE MOST RECENT VERSION OF WSDOT STANDARD SPECIFICATIONS. ALL WATER MAIN PIPE SHALL BE DUCTILE IRON, MINIMUM THICKNESS CLASS 50, PER AWWA STANDARDS H3-71 AND
- C151-71, WITH CEMENT LINING PER AWWA STANDARD C104-71. 4. MATERIAL FOR FITTINGS SUCH AS CROSSES, TEES, BENDS, REDUCERS AND SLEEVES SHALL BE DUCTILE IRON. JOINTS SHALL BE M.J., FLANGED OR PUSH-ON JOINTS AND SHALL CONFORM TO AWWA SPECIFICATIONS C-110-71 AND
- 5. CONCRETE BLOCKING SHALL BE AS SPECIFIED IN CITY OF FERNDALE STANDARD DETAILS W-2, W-3 AND W-4, OR AS
- DIRECTED BY THE PROJECT ENGINEER. BLOCKS SHALL BE INSTALLED AS SPECIFIED IN SECTION 7-09.3(21) OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE OR MUNICIPAL CONSTRUCTION. NO PRE-CAST BLOCKS ARE ALLOWED.
- CONNECTIONS TO EXISTING WATER MAINS THE CONTRACTOR MUST NOTIFY THE CITY OF FERNDALE PUBLIC WORKS DIRECTOR OF A PROPOSED CONNECTION AT LEAST FOUR WORKING DAYS IN ADVANCE. 7. ALL HYDROSTATIC TESTING AND DISINFECTION OF WATER MAINS SHALL CONFORM TO SECTION 7-09.3(23) AND SECTION 7-09.3(24) OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE OR MUNICIPAL CONSTRUCTION - CURRENT EDITION. HYDROSTATIC TEST PRESSURE FOR WATER MAIN ACCEPTANCE SHALL BE 250 PSI AND SHALL BE DONE ACCORDING TO CITY OF FERNDALE REQUIREMENTS. THE CITY OF FERNDALE LABORATORY SHALL CONDUCT ALL DISINFECTION TESTS AND BACTERIOLOGICAL TESTS. THE PIPE WILL NOT PASS TESTING UNLESS A ZERO BACTERIAL COUNT IS MEASURED ON TWO CONSECUTIVE TESTS, CONDUCTED 24
- BACKFILL SHALL BE GRAVEL BASE, CLASS B, IN ALL STREET RIGHTS-OF-WAY, COMPACTED TO MINIMUM 95% OPTIMUM DENSITY. IN UNIMPROVED AREAS, MINIMUM COMPACTION SHALL BE 90% OF OPTIMUM DENSITY.
- ALL PIPES SHALL HAVE A MINIMUM COVER OF 36". 10. ALL VALVES SHALL BE EITHER GATE OR BUTTERFLY TYPE VALVES AND SHALL BE INSTALLED WITH SLIP TYPE CAST IRON VALVE BOXES. GATE VALVES SHALL BE USED FOR LINES 2 INCHES THROUGH 10 INCHES IN DIAMETER. SHORT-BODY VALVES SUITABLE FOR A NON-SHOCK SHUT-OFF PRESSURE OF 130 PSI AND SUITABLE FOR DIRECT BURIAL ARE SPECIFIED. GATE VALVES SHALL BE RESILIENT SEATED IRON-BODY, FULL-BRONZE MOUNTED VALVES CONFORMING TO AWWA C509 AND SUITABLE FOR SERVICE WITH THE TYPE AND CLASS OF PIPE USED. ALL VALVES SHALL HAVE NON-RISING STEMS AND SHALL OPEN COUNTERCLOCKWISE AND SHALL BE EQUIPPED WITH A 2 INCH SQUARE OPERATING NUT. VALVES WILL BE FLANGE OR M.J. JOINTS. VALVE MARKERS SHALL BE LOCATED OUTSIDE OF
- 11. WATER SERVICE TAP INSTALLATIONS SHALL MEET THE REQUIREMENTS OF THE COFDS W-5.

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CITY OF FERNDALE STANDARD SPECIFICATIONS AND DETAILS, A.P.W.A. STANDARD SPECIFICATIONS, AND WSDOT STANDARD SPECIFICATIONS, MOST RECENT EDITIONS.

- SANITARY SEWER SYSTEM INSTALLATION, BOTH PUBLIC AND PRIVATE, IS SUBJECT TO CITY REVIEW AND APPROVAL 2. ALL WORK MUST BE INSPECTED TO THE SATISFACTION OF THE CITY OF FERNDALE. 24 HOUR NOTICE MUST BE GIVEN PRIOR TO STARTING WORK. TESTING OF THE SEWER SYSTEM AND ALL CONNECTIONS TO EXISTING MAINS SHALL BE PERFORMED IN THE PRESENCE AND UNDER THE SUPERVISION OF A CITY OF FERNDALE REPRESENTATIVE. 3. SANITARY SEWER MAINS SHALL BE A MINIMUM 8 INCH DIAMETER PVC PIPE (SDR-35) CONFORMING TO THE PROVISIONS
- OF ASTM D 3034 AND INSTALLED TO CITY SPECIFICATIONS. 4. SANITARY SEWER PIPE BEDDING SHALL BE PEA GRAVEL PER COFSD SS-1. ALL TRENCHES SHALL BE BACKFILLED WITH CLASS B BANK RUN GRAVEL WITHIN CITY RIGHT OF WAY AND TRAVELED WAYS OUTSIDE OF RIGHT OF WAY (ACCESS EASEMENTS) AND SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% MODIFIED PROCTOR. USE OF SUITABLE NATIVE BACKFILL OUTSIDE OF TRAVELED WAY SHALL BE SUBJECT TO APPROVAL BY THE CITY.
- 5. ALL MANHOLES SHALL BE INSTALLED PER CITY OF FERNDALE STANDARD DETAILS AND SHALL BE PRE-CHANNELED. MANHOLE CONES ARE TO BE OFFSET SUCH THAT LADDER RUNGS ARE PARALLEL TO THE FLOW. 6. ALL SIDE SEWERS SHALL BE INSTALLED PER CITY OF FERNDALE STANDARD DETAILS SS-6, SS-8 OR SS-13, EXCEPT
- THAT SINGLE SIDE SEWERS SHALL HAVE A MINIMUM DIAMETER OF 4". EACH SIDE SEWER STUB SHALL BE CAPPED WITH A WATERTIGHT PLUG. EACH STUB SHALL BE MARKED FOR
- CONTRACTOR SHALL EXTEND SEWER STUBS 5 FT BEYOND UTILITY CORRIDOR OR 15 FEET BEYOND RIGHT-OF-WAY LINE. LOCATION WITH A 2" DIA. PVC PIPE (MIN. SCHEDULE 40) WITH THE TOP 18" PAINTED GREEN AND STENCILED WITH THE WORD "SEWER" AND THE PIPE INVERT INDICATED. THE LOCATION MARKER SHALL BE CONNECTED TO THE SERVICE STUB BY A #12 COPPER WIRE.

\triangle	ASBUILT SUBMITTAL	RL	01/22/18	
\triangle				
2				
3				
<u>4</u>				
<u>\$</u>			ş .	
NO.	REVISION	BY	DATE	

CALL 2 BUSINESS DAYS BEFORE YOU DIG

JTILITIES UNDERGROUND LOCATION CENTER

1-800-424-5555

OWNER/APPLICANT

5160 INDUSTRIAL PL., SUITE 108

CONTACT: RAMON LLANOS, PE.

5160 INDUSTRIAL PL., SUITE 108

CONTACT: KYLE HAGGITH, PLS.

FERNDALE, WA 98248

FERNDALE, WA 98248

(360) 383-0620

(360) 383-0620

MELVIN HANSEN

PO BOX 1091

FERNDALE WA

360-739-2834





LDES, INC. **5160 INDUSTRIAL PL. #108** FERNDALE, WA 98248 PHONE 360-383-0620 FAX 360-383-0639

	JOB NO.:
	1724
	DWG. NAME:
)	1724—ASBUILT.dwg
	DESIGNED BY:
	AD
	DRAWN BY:
	^ / EU

CHECKED BY:

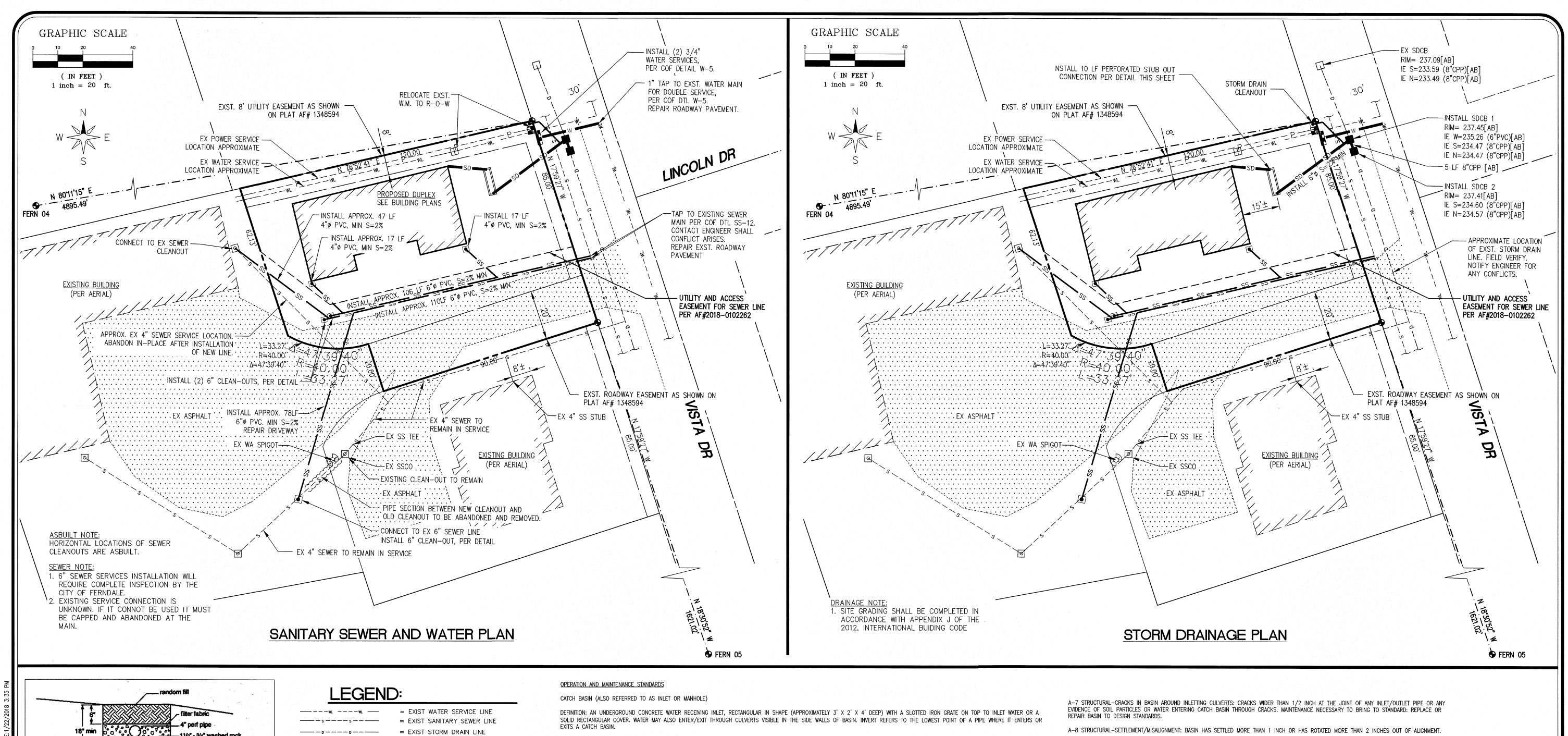
MEL HANSEN PO BOX 1091 FERNDALE WA

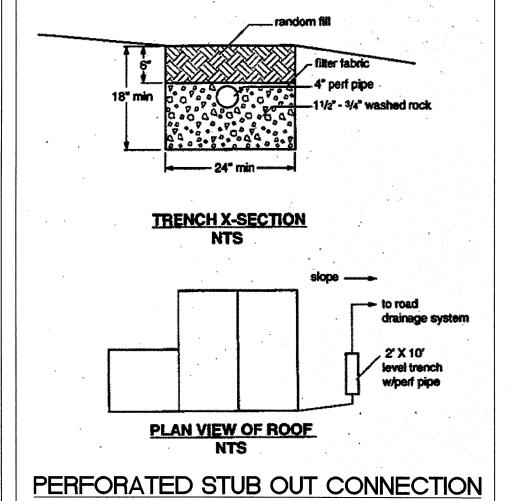


COVER SHEET & CITY OF FERNDALE GENERAL NOTES

HANSEN RENTALS 6165 VISTA DR, FERNDALE WA A PORTION OF SECTION 18, TOWNSHIP 39N, RANGE 2E, W.M.







= PROPOSED STORM DRAIN LINE = PROPOSED SAN. SEWER LINE = PROPOSED WATER LINE = PROPOSED SANITARY SEWER SERVICE = PROPOSED SEWER CLEANOUT = EXISTING WATER METER BOX = EXISTING WATER SPIGOT = PROPOSED WATER METER = PROPOSED STORM DRAIN CATCH BASIN p --- -- --- --- --- --- --- --- ---= EXISTING ASPHALT

. WORK PERFORMED OUTSIDE CITY RIGHT-OF-WAY ON PRIVATE PROPERTY REQUIRES PROJECT CERTIFICATION BY THE ENGINEER OF RECORD (EOR) FOR PROJECT ACCEPTANCE.

IMAGES AND CITY OF FERNDALE GIS.

- EXISTING SEWER LOCATION INFORMATION PROVIDED BY CLIENT FROM PRODIGY PLUMBING. ALL OTHER UTILTIES ARE BASED ON AERIAL

DEFECT NUMBER & DEFECT: A-1 GENERAL-TRASH & DEBRIS (INCLUDING SEDIMENT) BLOCKING WATER FROM ENTERING BASIN: TRASH OR DEBRIS COVERING ANY PORTION OF THE CATCH BASIN GRATE OR BLOCKING INLET

MAINTENANCE NECESSARY TO BRING TO STANDARD: REMOVE ALL TRASH, DEBRIS AND SEDIMENT FROM IN FRONT OF THE CATCH BASIN INLET. REFER TO THE DISPOSAL GUIDELINES IN APPENDIX A FOR INSTRUCTIONS ON DISPOSAL OF TRASH, DEBRIS AND SEDIMENT.

A-2 GENERAL-TRASH & DEBRIS (INCLUDING SEDIMENT): TRASH, DEBRIS AND SEDIMENT (IN THE BASIN) THAT EXCEEDS ONE-THIRD THE DEPTH FROM THE BOTTOM OF THE BASIN TO INVERT OF MAINTENANCE NECESSARY TO BRING TO STANDARD: REMOVE ALL TRASH, DEBRIS AND SEDIMENT FROM THE CATCH BASIN. REFER TO THE DISPOSAL GUIDELINES IN APPENDIX A FOR INSTRUCTIONS

ON DISPOSAL OF TRASH, DEBRIS AND SEDIMENT. A-3 GENERAL-TRASH & DEBRIS (INCLUDING SEDIMENT): TRASH, DEBRIS AND SEDIMENT IN ANY INLET OR OUTLET PIPE BLOCKING MORE THAN ONE-THIRD OF ITS HEIGHT.

MAINTENANCE NECESSARY TO BRING TO STANDARD: REMOVE ALL TRASH, DEBRIS AND SEDIMENT FROM INLET AND OUTLET PIPES. REFER TO THE DISPOSAL GUIDELINES IN APPENDIX A FOR INSTRUCTIONS ON DISPOSAL OF TRASH, DEBRIS AND SEDIMENT.

A-4 STRUCTURAL-STRUCTURAL DAMAGE TO FRAME AND/OR TOP SLAB: TOP CONCRETE SLAB HAS HOLES LARGER THAN 2 SQUARE INCHES OR CRACKS WIDER THAN 1/4 INCH (INTENT IS TO MAKE SURE ALL MATERIAL IS RUNNING INTO THE BASIN THROUGH THE GRATE).

MAINTENANCE NECESSARY TO BRING TO STANDARD: REPAIR TOP SLAB SO THAT IT IS FREE OF HOLES AND CRACKS.

A-5 STRUCTURAL-FRAME NOT SITTING FLUSH ON TOP SLAB, I.E., SEPARATION OF MORE THAN 3/4 INCH OF THE FRAME FROM THE TOP SLAB. MAINTENANCE NECESSARY TO BRING TO STANDARD: REPAIR SO THAT FRAME IS SITTING FLUSH ON TOP SLAB. A-6 STRUCTURAL-CRACKS IN BASIN WALLS/BOTTOM: CRACKS WIDER THAN 1/2 INCH, ANY EVIDENCE OF SOIL PARTICLES OR WATER ENTERING CATCH BASIN THROUGH CRACKS, OR MAINTENANCE

MAINTENANCE NECESSARY TO BRING TO STANDARD: REPLACE OR REPAIR BASIN TO DESIGN STANDARDS.

MAINTENANCE NECESSARY TO BRING TO STANDARD: REPLACE OR REPAIR BASIN TO DESIGN STANDARDS.

A-9 GENERAL-POLLUTION: PRESENCE OF ANY POLLUTANTS (INCLUDING PAINT, AUTO FLUIDS, GREASE AND FOOD WASTE) OR FLAMMABLE MATERIALS. MAINTENANCE NECESSARY TO BRING TO STANDARD: REMOVE CONTAMINANTS SO THAT NONE ARE PRESENT.

A-10 CATCH BASIN COVER-NOT IN PLACE: COVER IS MISSING OR ONLY PARTIALLY IN PLACE. ANY OPEN CATCH BASIN REQUIRES MAINTENANCE. MAINTENANCE NECESSARY TO BRING TO STANDARD: REPLACE MISSING COVER OR REPAIR CATCH BASIN COVER SO THAT IT IS CLOSED.

A-11 METAL GRATES-SAFETY HAZARD: GRATE WITH OPENING WIDER THAN 7/8 INCH.

MAINTENANCE NECESSARY TO BRING TO STANDARD: REPAIR GRATE OPENINGS SO THAT THEY MEET DESIGN STANDARDS.

A-12 METAL GRATES-TRASH & DEBRIS: TRASH AND DEBRIS THAT IS BLOCKING GRATE SURFACE.

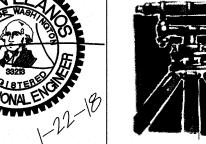
MAINTENANCE NECESSARY TO BRING TO STANDARD: REMOVE ALL TRASH AND DEBRIS FROM GRATE.

A-13 METAL GRATES-DAMAGED OR MISSING: GRATE IS MISSING OR HAS BROKEN MEMBERS.

MAINTENANCE NECESSARY TO BRING TO STANDARD: REPAIR OR REPLACE GRATE SO THAT IT IS IN PLACE AND MEETS DESIGN STANDARDS.

CALL 2 BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555 UTILITIES UNDERGROUND LOCATION CENTER

\triangle	ASBUILT SUBMITTAL	RL	01/22/18
\triangle			
<u>/2\</u>			
3			
4			
5			
NO.	REVISION	BY	DATE



LDES, INC. 5160 INDUSTRIAL PL. #108 FERNDALE, WA 98248 PHONE 360-383-0620 FAX 360-383-0639

= EXISTING BUILDING

1724 DWG. NAME: 1724-ASBUILT.dwg DESIGNED BY: DRAWN BY: AD/EH CHECKED BY:

PERSON JUDGES THAT STRUCTURE IS UNSOUND.

MEL HANSEN PO BOX 1091 FERNDALE WA

APPROVED JAN 2 3 2018

CITY OF FERNDALE PUBLIC WORKS DEPARTMENT

WATER AND SEWER PLAN

HANSEN RENTALS 6165 VISTA DR, FERNDALE WA A PORTION OF SECTION 18, TOWNSHIP 39N, RANGE 2E, W.M.



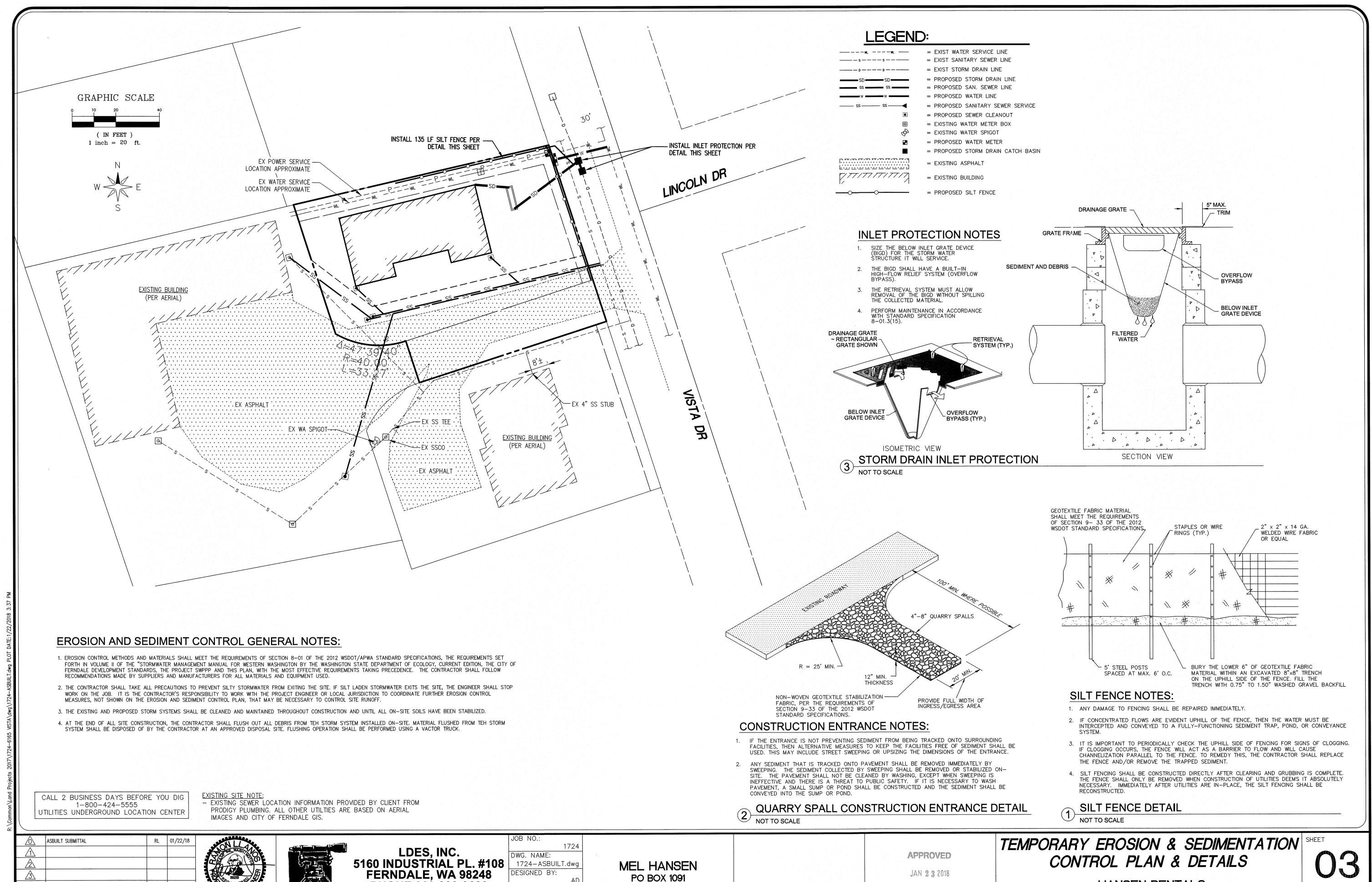
HANSEN RENTALS

6165 VISTA DR, FERNDALE WA

A PORTION OF SECTION 18, TOWNSHIP 39N, RANGE 2E, W.M.

CITY OF FERNDALE

PUBLIC WORKS DEPARTMENT



FERNDALE WA

PHONE 360-383-0620

FAX 360-383-0639

REVISION

BY | DATE

DRAWN BY:

CHECKED BY: RI

AD/EH

