

APPEAL ATTACHMENT 'D'



ANDY MCANDREWS
10801 MAIN STREET, SUITE 102
BELLEVUE, WA 98004

Re: Project #3032857-LU

Correction Notice #1

Review Type ADDRESSING
Project Address 3422 23RD AVE W
SEATTLE, WA 98199
Contact Email ANDYM@TERRANE.NET
SDCI Reviewer Shimika A Dowlen-Godine
Reviewer Phone (206) 684-0961
Reviewer Fax
Reviewer Email Shimika.Dowlen@seattle.gov
Owner BROOKE FRIEDLANDER
Corrections also apply to Project(s)

Date November 26, 2018
Contact Phone (425) 233-6089

Address Seattle Department of Construction and Inspections
700 Fifth Ave
Suite 2000
P.O. Box 34019
Seattle, WA 98124-4019

Applicant Instructions

Please click on the following link to learn "[How to Respond to a SDCI Correction Notice](#)". If the 3-step process outlined in this document is not followed, there may be a delay in permit issuance and there is a potential for penalty fees.

For instructions on **uploading corrected plans through your portal**, follow this link: [How to Upload a Document to an Existing Permit](#)

Note that you will not be able to upload corrected plans until all reviews are completed and the project's status is "Corrections Required".

Codes Reviewed

This project has been reviewed for conformance with one or more of the following codes: 2015 Seattle Building Code (SBC); 2015 Seattle Residential Code (SRC); 2015 Seattle Existing Building Code (SEBC); 2015 Seattle Energy Code (SEC); Grading Code; Environmentally Critical Areas Regulations (ECA).

Corrections

1. In the legal description for Parcel A and B, easements 1 and 3 a switched.
Parcel A - subject to 1 and 3
Parcel B - together with 1 and 3
2. On the final copies of the survey please add the assigned address for each parcel/unit lot as follows:
A) 3422 23RD AVE W
B) 3420 23RD AVE W



City of Seattle
Seattle Department of Construction and Inspections
Engineering Services

JW Architects LTD
1257 S King St
SEATTLE, WA 98144

Re: Project #6694812-EX

Correction Notice #1

Review Type ECA GEOTECH
Project Address 3424 23RD AVE W
Contact Email dpd@jwaseattle.com
SDCI Reviewer Scott Pawling
Reviewer Phone (206) 684-0819
Reviewer Fax
Reviewer Email Scott.Pawling@seattle.gov
Owner Mirra 111, LLC

Corrections also apply to Project(s) 3032878-LU

Date November 14, 2018
Contact Phone (206) 953-1305
Address Seattle Department of Construction and Inspections
700 Fifth Ave
Suite 2000
P.O. Box 34019
Seattle, WA 98124-4019

Project Description: "DEMO TRIPLEX, CONSTRUCT (2) TOWNHOUSES WITH (2) OPEN PARKING STALLS. FUTURE UNIT LOT SUBDIVISION. FUNCTIONALLY RELATED TO #3032878-LU, OFFSITE PARKING FOR 3420 23RD AVE WEST LOCATED ON 3424 23RD AVE WEST."

Reference: "Geotechnical Report, Proposed Development, 3410-3420 23rd Avenue West, Seattle, Washington," by PanGEO, Inc., dated September 28, 2018, PanGEO project no. 18-243.

Applicant Instructions

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For instructions on **uploading corrected plans through your portal**, follow this link: [How to Upload a Document to an Existing Permit](#)

Note that you will not be able to upload corrected plans until all reviews are completed and the project's status is "Corrections Required".

Codes Reviewed

This project has been reviewed for conformance with the Environmentally Critical Areas Regulations (ECA).

Corrections

1. SMC 25.09.090.B. Relief from Prohibition on Steep Slope Development

* Steep slope delineations shown on the submitted topographic survey are approved by SDCI.

* The request for "Relief from Prohibition on Steep Slope Development" on the basis that the steep slopes on and adjacent to the subject property are less than 20 feet in height and at least 30 feet from other steep slope areas (SMC 25.09.090.B2c) is denied because toes of the western steep slopes (flanking the existing building) are within 30 feet of the crest of the eastern steep slope.

* The only Relief provision that is possibly available is if the applicant is able to DEMONSTRATE that steep slopes on and adjacent to the subject property were CREATED by previous legal grading activities (SMC 25.09.090.B2b). **Submit additional information to demonstrate that steep slopes were CREATED by previous legal grading activities.** Note: There could not have previously been steep slopes at the same locations as existing steep slopes, regardless of whether original slopes were modified.

* Submit street grading profiles that are referenced in the geotechnical report to confirm that the western steep slopes (flanking the existing building) were created by previous grading activities.

* Submit other information, such as additional subsurface data, to demonstrate that the eastern steep slope was created by previous legal grading activities, if possible.



City of Seattle
Seattle Department of Construction and Inspections
Engineering Services

JULIAN WEBER
1257 S KING STREET
SEATTLE, WA 98144

Re: Project #6688712-CN

Correction Notice #1

Review Type DRAINAGE
Project Address 3424 23RD AVE W
Contact Email DPD@JWASEATTLE.COM
SDCI Reviewer Arthur Thomas Richardson
Reviewer Phone (206) 684-3655
Reviewer Fax
Reviewer Email art.richardson@seattle.gov
Owner Lee Properties, LLC
Corrections also apply to Project(s)

Date November 26, 2018
Contact Phone (206) 953-1305
Address Seattle Department of Construction and Inspections
700 Fifth Ave
Suite 2000
P.O. Box 34019
Seattle, WA 98124-4019

Applicant Instructions

Please click on the following link to learn "[How to Respond to a SDCI Correction Notice](#)". If the 3-step process outlined in this document is not followed, there may be a delay in permit issuance and there is a potential for penalty fees.

For instructions on **uploading corrected plans through your portal**, follow this link: [How to Upload a Document to an Existing Permit](#)

Note that you will not be able to upload corrected plans until all reviews are completed and the project's status is "Corrections Required".

Codes Reviewed

This project has been reviewed for conformance with the following codes: 2016 Stormwater Code and 2011 Side Sewer Code.

Corrections

DRAINAGE CORRECTIONS (Plan Set.pdf, 11/07/18, 14.8MB):

1. The Memorandum of Drainage Control (MDC) must reflect only this project. Revise the legal description, permit number and address to reflect only this project, not the project to the west.

Revise the permit number on page one and two so they include the new "CN" suffix: 6688712-**CN**.

Complete the "Grantor" section on page one.

Complete the "Return To" section at the top of page one.

The revised MDC will need to be reviewed and approved by this reviewer prior to recording. Upload the draft, unrecorded MDC after the List Approach Calculator is approved and include in the MDC Exhibit A, which is the far-right tab at the bottom of the List Approach Calculator Excel spreadsheet labeled "MDC".

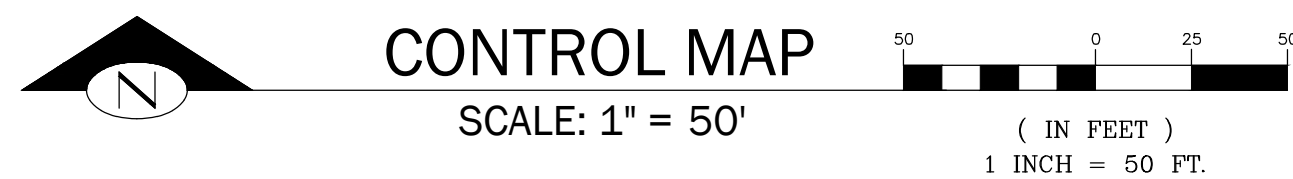
2. The utilities for this project have been routed in a different location than the easement provided in the short subdivision.

Complete a new easement for the sanitary sewer and storm drainage or show all the sanitary and storm drainage located within the easement provided in the short subdivision.

Side Sewer Easement:? <http://www.seattle.gov/Documents/Departments/SDCI/Forms/SideSewerEasement.pdf>

APPEAL ATTACHMENT 'E'

LEGAL DESCRIPTION		REFERENCES	
LOTS 8, 9 AND 10, BLOCK 11 GILMAN'S ADDITION TO THE CITY OF SEATTLE, ACCORDING TO THE PLAT RECORDED IN VOLUME 5 OF PLATS, PAGE 93, IN KING COUNTY, WASHINGTON.		R1. SHORT SUBDIVISION NO. 3016065, REC. NO. 20140313900005 RECORD OF SURVEY, VOL. 307, PG.(S) 264-266. RECORDS OF KING COUNTY, WASHINGTON.	
HORIZONTAL DATUM - NAD 83 (2011)		LEGEND	
MONUMENT #1 OWNER: CITY OF SEATTLE ID: N/A DESCRIPTION: BRASS PIN, DOWN -0.2' LOCATION: INTX OF W RUFFNER ST & 23RD AVE W N: 241744.630 E: 1257763.678 MONUMENT #2 OWNER: CITY OF SEATTLE ID: N/A DESCRIPTION: BRASS PIN, DOWN -1.1' LOCATION: INTX OF 23RD AVE W & W BERTONA ST N: 241078.661 E: 1257752.032 MONUMENT #3 OWNER: CITY OF SEATTLE ID: N/A DESCRIPTION: BRASS PIN, DOWN -0.6' LOCATION: INTX OF W BERTONA ST & 22ND AVE W N: 241072.955 E: 1258073.925		BRASS DISC (FOUND) BENCHMARK AREA DRAIN ASPHALT SURFACE BOLLARD BUILDING CENTERLINE ROW CLEANOUT CONCRETE SURFACE RETAINING WALL DECK FENCE LINE (CHAIN LINK) FENCE LINE (WOOD) FIRE HYDRANT GAS LINE GRAVEL SURFACE GUY ANCHOR INLET (TYPE 1) LUMINAIRE NAIL AS NOTED MAILBOX (RESIDENTIAL) MONUMENT IN CASE (FOUND) POST POWER HAND HOLE POWER METER POWER (OVERHEAD) POWER POLE W/ LIGHT REBAR & CAP ROCKERY SEWER LINE SEWER MANHOLE STEEP SLOPE AREA STORM DRAIN LINE TELEPHONE (OVERHEAD) SIZE TYPE TREE (AS NOTED) WATER LINE WATER METER APPROX ASPH BLDG C.C. CALC'D CB CLF CRW COS CONC COR DEC ELEV FF G GVL HSE LSF MEAS MON OHP OHT PP PROP PSC PSD (R) RET ROS SD SNS SSMH SSS SF SW W WF WS	
VERTICAL DATUM - NAVD 88			
VERTICAL BENCHMARK #1 SOURCE: CITY OF SEATTLE ID: SNV-5169 DESCRIPTION: BRASS CAP LOCATION: 0.5FT S OF THE INT. BK CW IN THE NW COR INT. GILMAN AVE W AND W RUFFNER ST. ELEVATION: 34.320' VERTICAL BENCHMARK #2 SOURCE: CITY OF SEATTLE ID: N/A DESCRIPTION: SITE TBM, R/R SPIKE IN PP LOCATION: SW COR OF SITE ELEVATION: 132.794'			
SURVEYOR'S NOTES			
1. THE TOPOGRAPHIC SURVEY SHOWN HEREON WAS PERFORMED IN JUNE OF 2018. THE FIELD DATA WAS COLLECTED AND RECORDED ON MAGNETIC MEDIA THROUGH AN ELECTRONIC THEODOLITE. THE DATA FILE IS ARCHIVED ON DISC OR CD. WRITTEN FIELD NOTES MAY NOT EXIST. CONTOURS ARE SHOWN FOR CONVENIENCE ONLY. DESIGN SHOULD RELY ON SPOT ELEVATIONS. 2. ALL MONUMENTS SHOWN HEREON WERE LOCATED DURING THE COURSE OF THIS SURVEY UNLESS OTHERWISE NOTED. 3. BURIED UTILITIES SHOWN BASED ON RECORDS FURNISHED BY OTHERS AND VERIFIED WHERE POSSIBLE IN THE FIELD. TERRANE ASSUMES NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS OR ACCEPT RESPONSIBILITY FOR UNDERGROUND LINES WHICH ARE NOT MADE PUBLIC RECORD. FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO DESIGN CONTACT THE UTILITY OWNER/AGENCY. AS ALWAYS, CALL 1-800-424-5555 BEFORE CONSTRUCTION. 4. SUBJECT PROPERTY TAX PARCEL NO. 277060-1480, 277060-1475 & 277060-1470 5. SUBJECT PROPERTY AREA PER THIS SURVEY IS 17,997± S.F. (0.41± ACRES) 6. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT. EASEMENTS AND OTHER ENCUMBRANCES MAY EXIST THAT ARE NOT SHOWN HEREON. 7. FIELD DATA FOR THIS SURVEY WAS OBTAINED BY DIRECT FIELD MEASUREMENTS WITH A CALIBRATED ELECTRONIC 5-SECOND TOTAL STATION AND/OR SURVEY GRADE GPS OBSERVATIONS. ALL ANGULAR AND LINEAR RELATIONSHIPS ARE ACCURATE AND MEET THE STANDARDS SET BY WAC 332-130-090.			
		VICINITY MAP N.T.S.	



TOPOGRAPHIC & BOUNDARY SURVEY NW 1/4, SE 1/4 SEC 14, TWP. 25N., RGE 03E., W.M. MGT – 23rd Ave W 3410, 3416, 3420 23rd Ave W SEATTLE, WASHINGTON					
JOB NO.:	181111				
DATE:	06/27/18				
DRAFTED BY:	JJK				
CHECKED BY:	SRM				
SCALE:	1" = 50'				
1	OF	3			

APPEAL ATTACHMENT 'F'



**CITY OF SEATTLE
ANALYSIS AND DECISION OF THE DIRECTOR OF
THE SEATTLE DEPARTMENT OF CONSTRUCTION AND INSPECTIONS**

Project Number: 3032857-LU
Applicant Name: Andy McAndrews, Terrane, Inc
Address of Proposal: 3422 23rd Ave W

SUMMARY OF PROPOSED ACTION

Land Use Application to subdivide one parcel into two parcels of land. Existing building to be demolished.

The following approvals are required:

Short Subdivision - to create two parcels of land. (Chapter 23.24, Seattle Municipal Code).

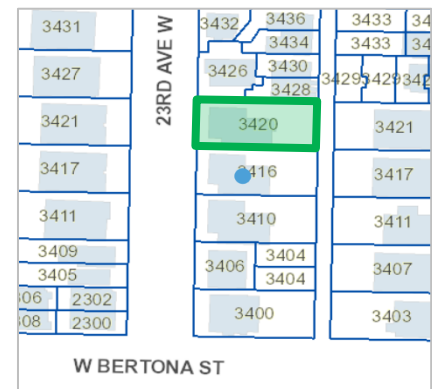
SITE AND VICINITY

Site Zone: Lowrise 1 (LR-1)

Nearby Zones: (North) LR-1
(South) LR-1
(East) LR-1
(West) LR-1

Environmental Critical Areas: Steep Slope Potential Slide Area

Project Area: 5,999 square feet (sq. ft.)



The top of this image is north.
This map is for illustrative purposes only.
In the event of omissions, errors or differences, the
documents in SDCI's file will control.

BACKGROUND

The site was granted Relief on Steep Slope Development by the SDCI Geotechnical Engineer on September 28, 2018 per SMC 25.09.090.B. Approved Relief from Prohibition on Steep Slope Development.

[Environmentally Critical Areas (ECA) review is required for this project.] Based on a review of the City GIS system and submitted information, SDCI concludes that steep slope critical areas on and adjacent to the subject property appear to be created by previous legal grading activities associated with site development. Consequently, this project qualifies for Relief from Prohibition on Steep Slope Development per SMC 25.09.090.B2b. No Steep Slope Area Variance is required for permit applications. Except as described herein, the remaining ECA Regulations will apply.

Public Comment:

The public comment period ended on November 5, 2018. Comments were received and carefully considered, to the extent that they raised issues within the scope of this review. These areas of public comment related to concerns about exceptional trees in the street right-of-way, non-compliance with housing density limits, and over-development on designated potential ECA slide areas. Other comments pertained to concerns about not enough parking being provided for the subsequent development projects, renters not knowing that their buildings will be demolished, and concerns that alley paving located behind adjacent properties could be impacted as a result of future development.

I. ANALYSIS – SUBDIVISION

General short subdivision standards: Pursuant to SMC 23.24.040, the Director shall, after conferring with appropriate officials, use the following criteria to determine whether to grant, condition, or deny a short plat:

1. *Conformance to the applicable Land Use Code provisions, as modified by this chapter;*
2. *Adequacy of access for pedestrians, vehicles, utilities and fire protection as provided in Section 23.53.005, Access to lots, and Section 23.53.006, Pedestrian access and circulation;*
3. *Adequacy of drainage, water supply and sanitary sewage disposal;*
4. *Whether the public use and interests are served by permitting the proposed division of land;*
5. *Conformance to the applicable provisions of Section 25.09.240, Short subdivisions and subdivisions, in environmentally critical areas;*
6. *Whether the proposed division of land is designed to maximize the retention of existing trees;*
7. *Conformance to the provisions of Section 23.24.045, Unit lot subdivisions, when the short subdivision is for the purpose of creating separate lots of record for the construction and/or transfer of title of single-family dwelling units, townhouse, rowhouse, cottage housing developments, and existing apartment structures built prior to January 1, 2013, but not individual apartment units or any combination of the above types of residential development, as permitted in the applicable zones; and;*
8. *Every lot except unit lots and lots proposed to be platted for individual live-work units in zones where live-work units are permitted, shall conform to the following standards for lot configuration, unless a special exception is authorized under subsection 23.24.040.B:*
 - a. *If a lot is proposed with street frontage, then one lot line shall abut the street for at least 10 feet; and*
 - b. *No lot shall be less than 10 feet wide for a distance of more than 10 feet as measured at any point; and*

- c. *No proposed lot shall have more than six separate lot lines. The lot lines shall be straight lines, unless the irregularly shaped lot line is caused by an existing right-of-way or an existing lot line; and*
- d. *If the property proposed for subdivision is adjacent to an alley, and the adjacent alley is either improved or required to be improved according to the standards of Section 23. 53.030, then no new lot shall be proposed that does not provide alley access, except that access from a street to an existing use or structure is not required to be changed to alley access. Proposed new lots shall either have sufficient frontage on the alley to meet access standards for the zone in which the property is located or provide an access easement from the proposed new lot or lots to the alley that meets access standards for the zone in which the property is located.*

Conclusion

Based on information provided by the applicant, referral comments from SDCI and other City Departments, and review and analysis by the Land Use Planner, the above criteria have been met. The short subdivision meets all minimum standards or applicable exceptions set forth in the Land Use Code. This short subdivision will provide pedestrian and vehicular access (including emergency vehicles), and public and private utilities. Adequate provisions for drainage control, water supply and sanitary sewage disposal will be provided for each lot and service is assured, subject to standard conditions governing utility extensions. The short plat application has been reviewed by Seattle Public Utilities and a *Water Availability Certificate* (WAC) was issued on October 24, 2018 (WAC ID No. 20181384). The site is not subject to the provisions of Section 25.09.240 since it is not located in a riparian corridor, wetland, wetland buffer, or steep slope area. Each of the proposed lots will meet the criterion of 23.24.040.A.9, as detailed below. There does not appear to be any reasonable alternative configuration of this plat that would better maximize the retention of trees than the proposed plat.

Future construction will be subject to the provisions of SMC 23.44.008, 25.09.070, 25.11.050 and/or 25.11.060 which sets forth tree planting and exceptional tree protection requirements on single family lots. The public use and interest are served by the proposal since all applicable criteria are met and the proposal creates the potential for additional housing opportunities in the City. SDCI geotechnical engineer has determined that future construction on the upslope lot (Parcel B) should only be allowed if site stabilization is installed on the downslope lot (Parcel A). Therefore, the short plat will be approved with the condition to require a non-appealable site stabilization wall per the provisions of SMC 25.09.080 A and B.

DECISION –SHORT SUBDIVISION

The proposed Short Subdivision is **CONDITIONALLY GRANTED**.

RECOMMENDED CONDITIONS – SHORT SUBDIVISION

For the Life of the Project

1. New construction on the upslope lot (Parcel B) should only be allowed if site stabilization is installed on the downslope lot (Parcel A). Therefore, the short plat will be approved with the condition to require a non-appealable site stabilization wall per description above and per SMC 25.09.080 A & B.

David Landry, AICP, Land Use Planner
Seattle Department of Construction and Inspections

Date: May 28, 2019

DL:rgc
3032857-LU.docx

IMPORTANT INFORMATION FOR ISSUANCE OF YOUR MASTER USE PERMIT

Master Use Permit Expiration and Issuance

The appealable land use decision on your Master Use Permit (MUP) application has now been published. At the conclusion of the appeal period, your permit will be considered “approved for issuance”. (If your decision is appealed, your permit will be considered “approved for issuance” on the fourth day following the City Hearing Examiner’s decision.) Projects requiring a Council land use action shall be considered “approved for issuance” following the Council’s decision.

The “approved for issuance” date marks the beginning of the **three year life** of the MUP approval, whether or not there are outstanding corrections to be made or pre-issuance conditions to be met. The permit must be issued by SDCI within that three years or it will expire and be cancelled (SMC 23-76-028). (Projects with a shoreline component have a **two year life**. Additional information regarding the effective date of shoreline permits may be found at 23.60.074.)

All outstanding corrections must be made, any pre-issuance conditions met and all outstanding fees paid before the permit is issued. You will be notified when your permit has issued.

Questions regarding the issuance and expiration of your permit may be addressed to the Public Resource Center at prc@seattle.gov or to our message line at 206-684-8467.

APPEAL ATTACHMENT 'G'



APPEAL ATTACHMENT 'H'

November 30, 2018
PanGEO Project No. 18-243

Mirra Homes
11624 SE 5th St, Ste 210
Seattle, WA 98005
Attn: Brooke Friedlander

Subject: Response to SDCI Review Comments
3410-3420 23rd Ave W, Seattle, WA
SDCI Project # 6694812-EX

Dear Ms. Friedlander,

This letter responds to review comments outlined in the Seattle Department of Construction and Inspections (SDCI) Correction Notice #1 dated November 14, 2018, with regard to relief from prohibition on steep slope development application. Our responses for the geotechnical aspect of the comments are summarized below.

1. Past Street Grading Profiles along 23rd Avenue West

We reviewed City of Seattle street grading profiles along the east side of 23rd Avenue West ROW (approximately the west boundary line of the subject site) to estimate the thickness of fill present at the site. The street grading profiles are shown on Plate 1 on page 2.

The grading profiles indicate that the existing street grade along the west site boundary was constructed by placing about 6 to 21 feet of fill as a result of past street grading. The fill thickness was about 13 to 21 feet for 3410 and 3416 – 23rd Avenue W parcels.

2. Steep Slope Areas in the Western Portion of the Site

The site topographic survey map showed three small steep slope areas at the northwest corners of each house. These steep slope areas are actually rockeries that provide grade separation between the raised parking areas west of the house and east yard. We believe that

the rockeries were placed during house development, and is a result of past grading and past development. Photos of these existing rockeries are shown in Plates 3 to 5 for reference.

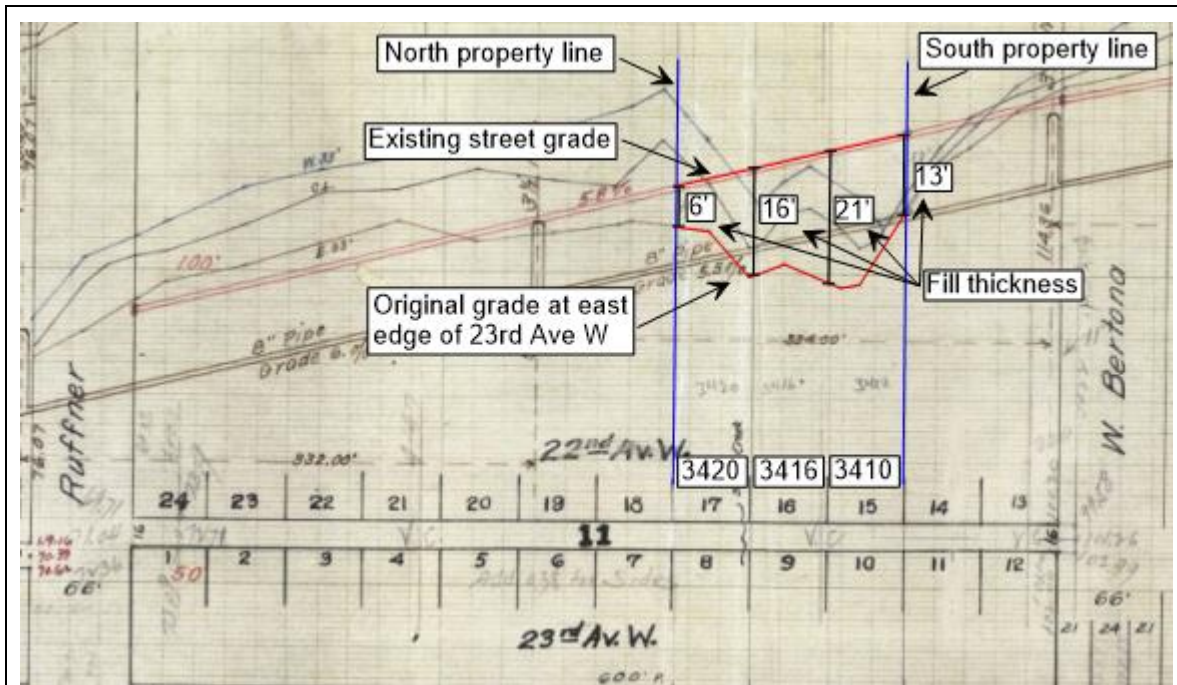


Plate 1. City of Seattle street grading profile along east side of 23rd Avenue West

3. Steep Slope Areas in the Eastern Portion of the Site

The site topographic survey map showed a steep slope area east of the houses. A rockery is also located at the toe of the steep slope area. The total height of this steep slope area is 10 to 12 feet. The rockery is approximately 2 to 3 feet in height. A Photo of this existing rockery is shown in Plate 6 for reference. In our opinion, this steep slope is also caused by previously grading during house and rockery construction to create a gentle area along the alley. Additionally, it is our opinion that the entire site is underlain by a layer of fill, and the original site grade is not a steep slope, as explained in detail in the following section.



Plate 3. Photo of Rockery at 3410 House



Plate 4. Photo of Rockery at 3416 House



Plate 5. Photo of Rockery at 3420 House

4. Subsurface data Review

We further reviewed subsurface data and soil samples encountered in our test borings. Based on our further review of the soil samples, existing street grading profiles, and the current site grade, it is our opinion that the colluvium unit describer in PG-1 and PG-2 is likely old colluvium fill placed during street grading and house development. The original grade below fill and colluvium fill (ie. Top of Lawton Clay and Pre-Fraser Deposits) is not a steep slope. We have updated our boring logs and subsurface profile to reflect this interpretation.

In Summary, based on the review of street grading profile, soil samples, and current ground features, in our opinion, the steep slopes at the site are a result of past grading, and should qualifies for relief from prohibition on steep slope development.



Plate 6. Photo of existing Rockery East of Houses

We trust that the information outlined in this letter meets your need at this time. Please call if you have any questions.

Sincerely,



11/30/2018

Michael H. Xue, P.E.
Senior Geotechnical Engineer

Attachments:

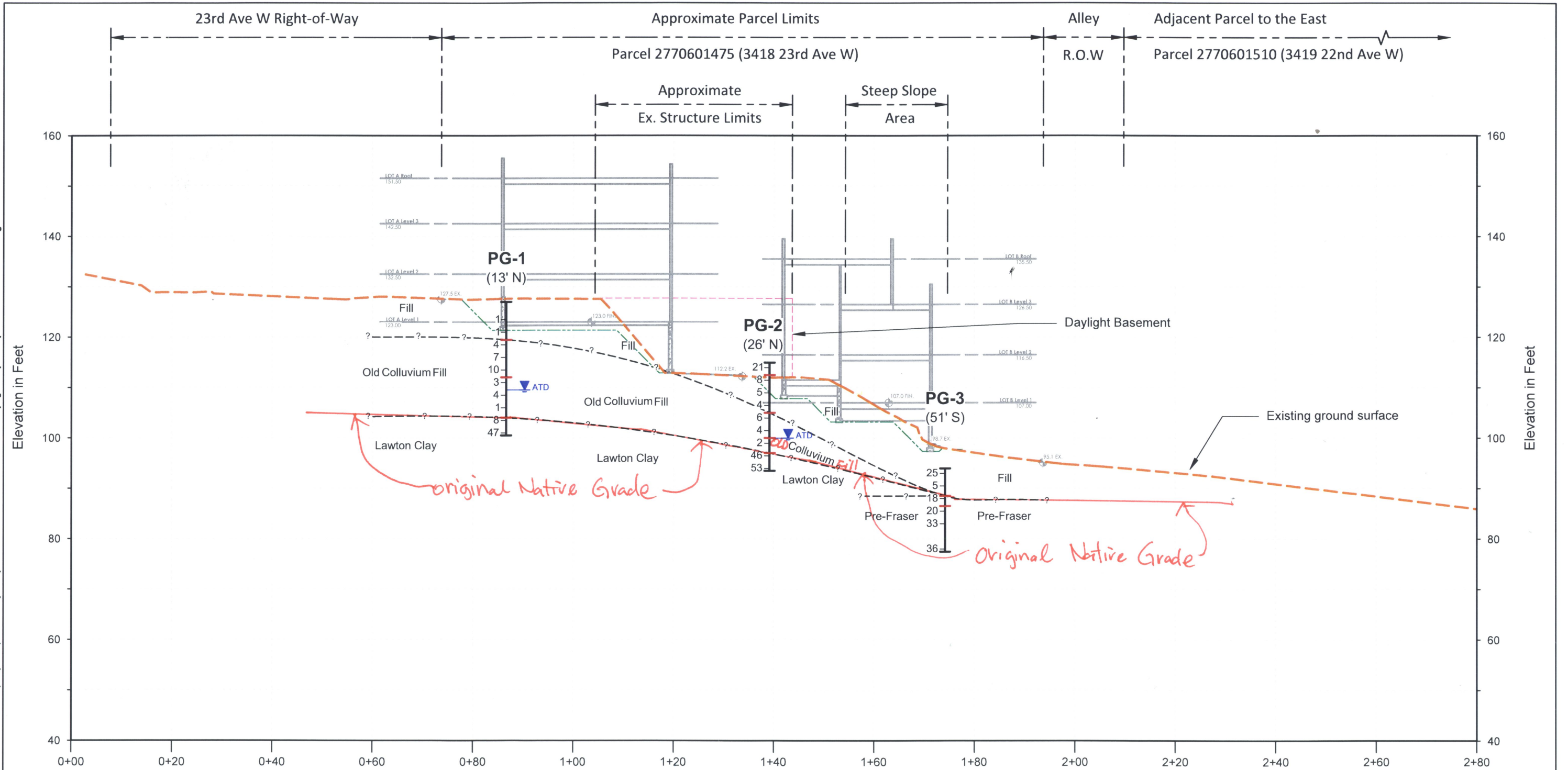
Updated Generalized Subsurface Profile Cross Section A
Updated Logs of Test Borings PG-1 through PG-3

Z:\Projects\2018 Projects\18-243 3410-3420 23rd Ave W\Figures\CADD\Subsurface Profile.dwg

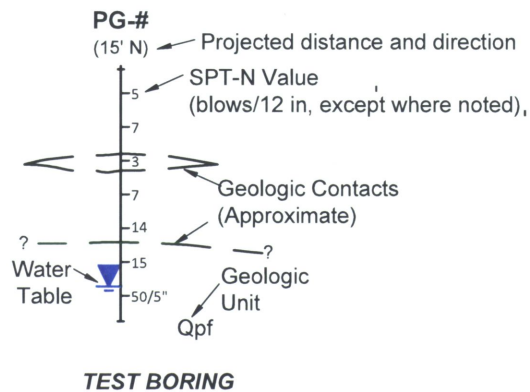
DATE: 9/11/2018

CHECKED BY: HMX

DRAWN BY: NTW



LEGEND



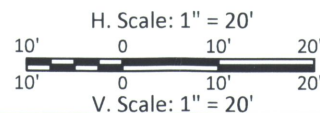
GEOLOGIC UNIT

See text of report for soil unit descriptions.

Hf	Fill
Qmw	Colluvium deposits
Qvlc	Lawton Clay member of Vashon Drift
Qpf	Pre-Fraser glacial age deposits

NOTES

1. Location of borings are approximate and based on the relative locations of known site features.
2. Existing ground surface based Topographic and Boundary Survey dated 6/27/2018 by Terrane.
3. Geologic contacts between borings are inferred
4. Vertical Datum: NAVD '88



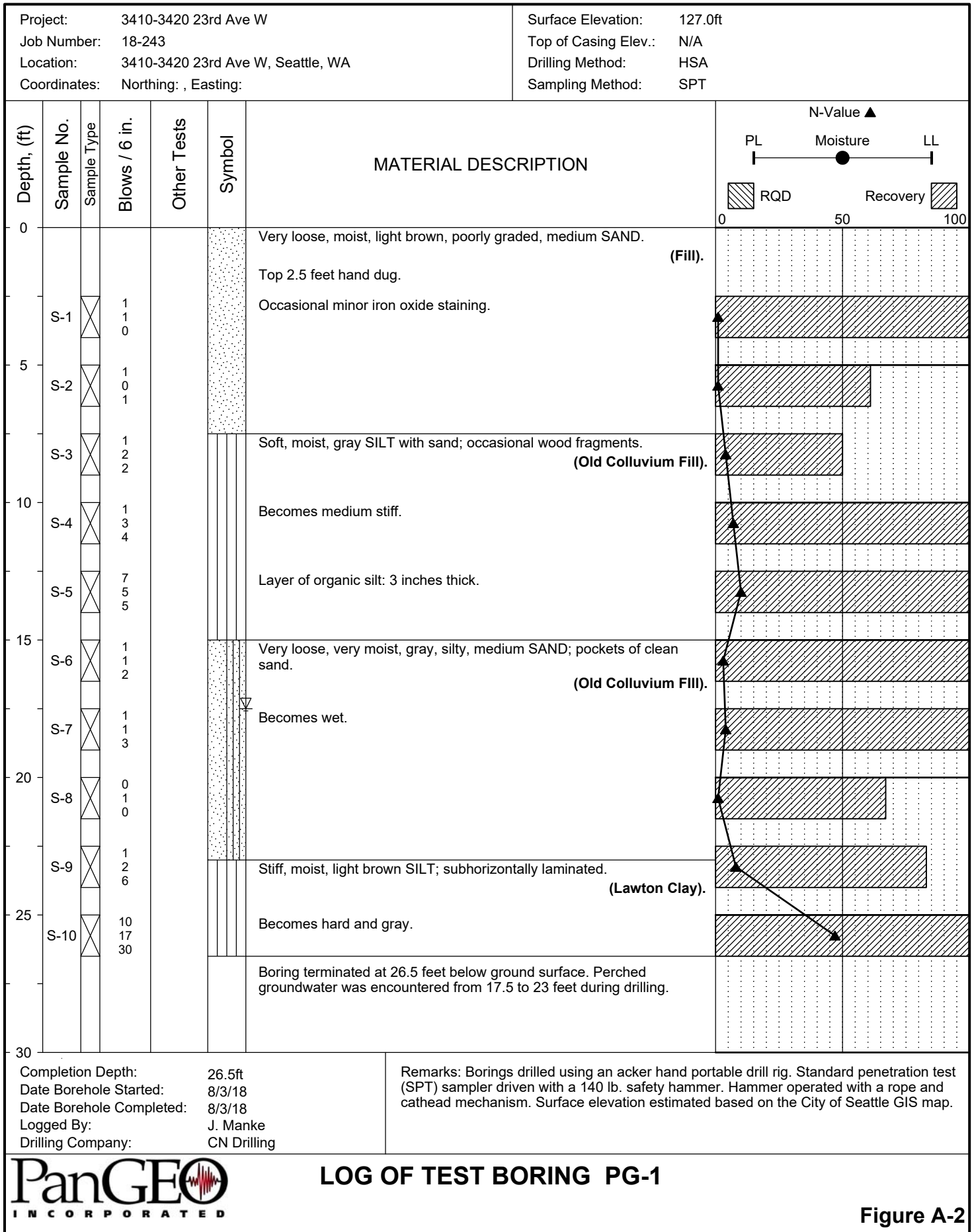
PanGEO
INCORPORATED

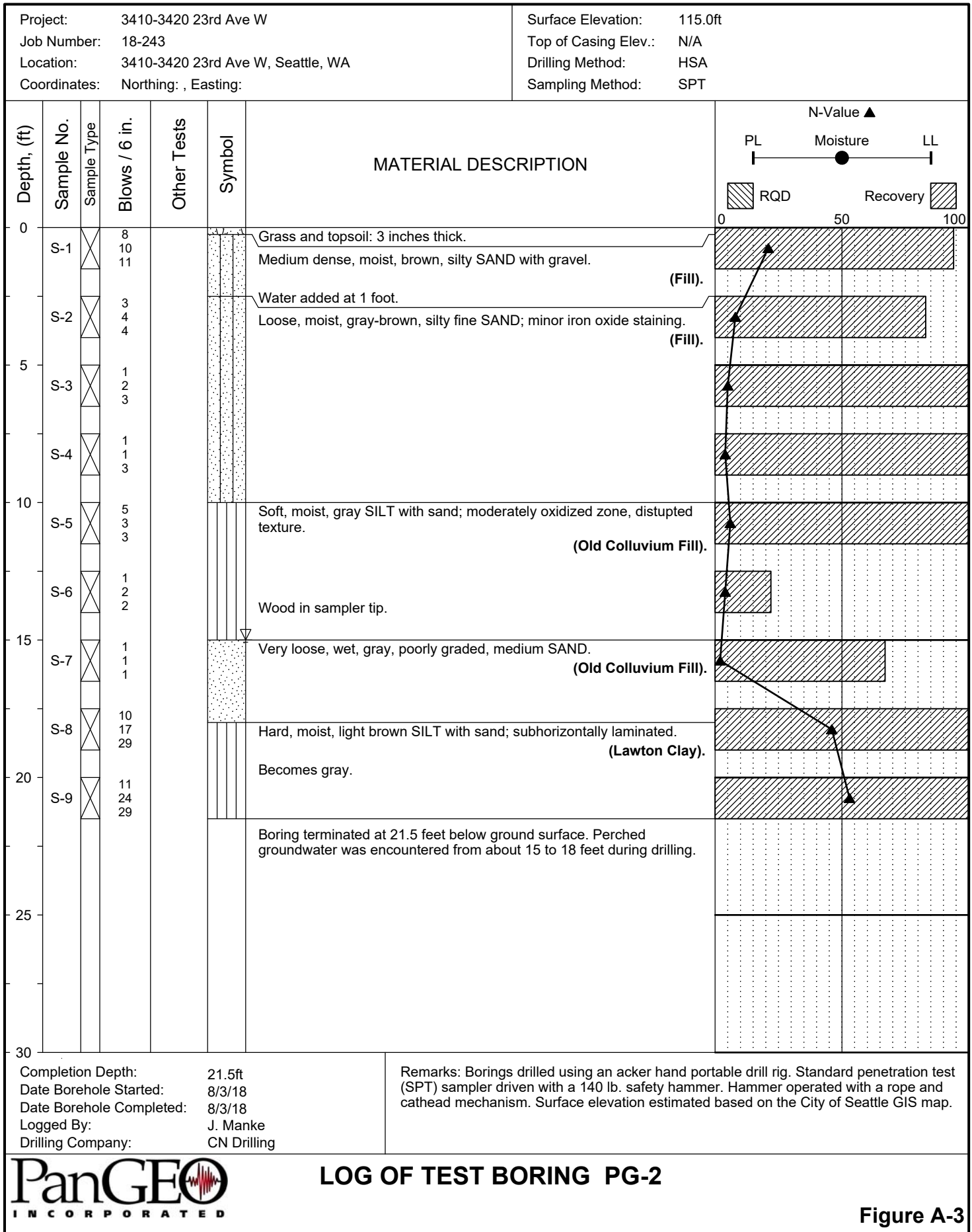
Proposed Development
3410 - 3420 23rd Avenue W
Seattle, Washington

GENERALIZED
SUBSURFACE PROFILE
CROSS-SECTION A

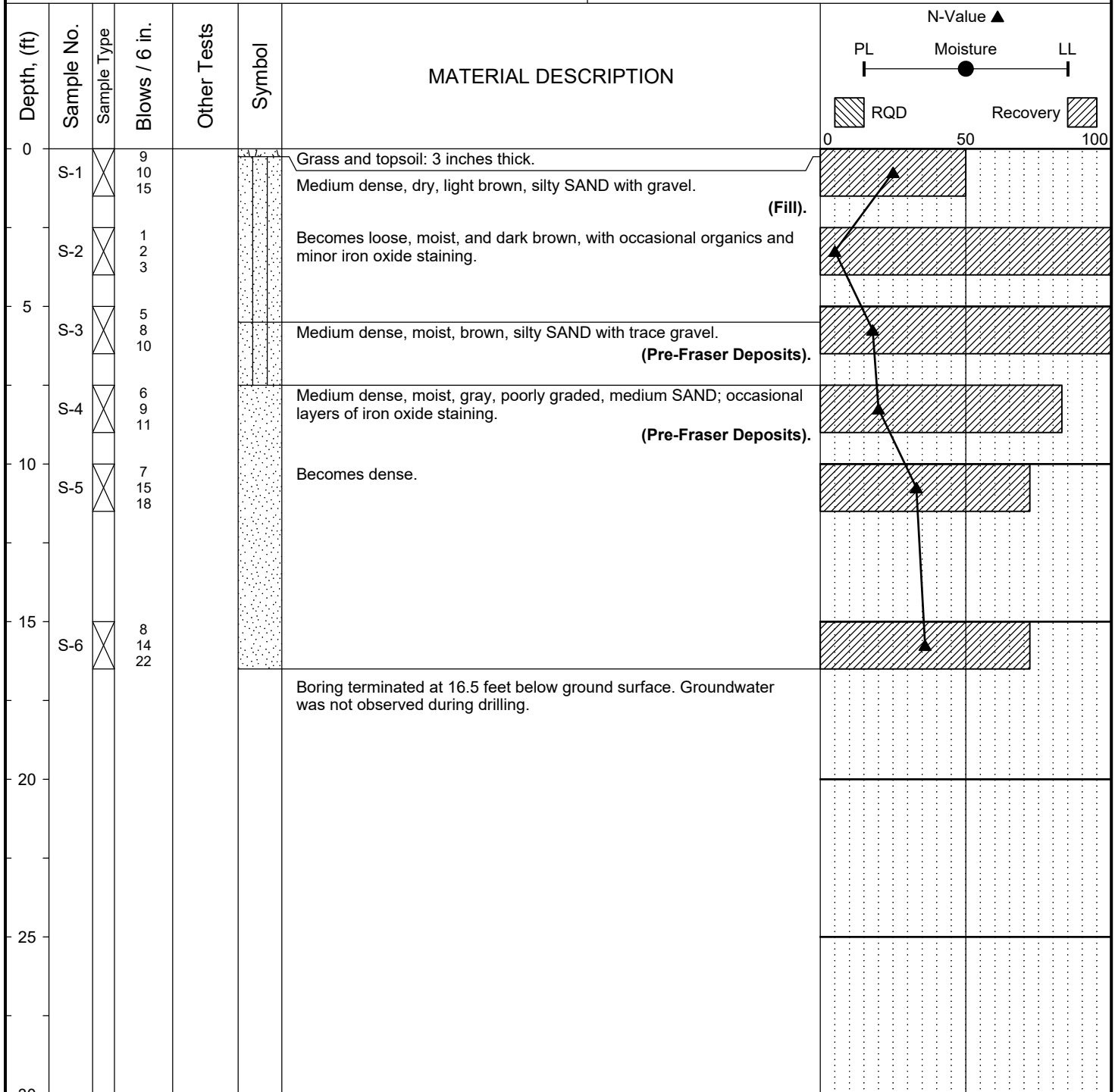
PROJECT NO.
18-243

FIGURE NO.
4





Project:	3410-3420 23rd Ave W	Surface Elevation:	94.0ft
Job Number:	18-243	Top of Casing Elev.:	N/A
Location:	3410-3420 23rd Ave W, Seattle, WA	Drilling Method:	HSA
Coordinates:	Northing: , Easting:	Sampling Method:	SPT



Completion Depth:	16.5ft	Remarks:	Borings drilled using an acker hand portable drill rig. Standard penetration test (SPT) sampler driven with a 140 lb. safety hammer. Hammer operated with a rope and cathead mechanism. Surface elevation estimated based on the City of Seattle GIS map.
Date Borehole Started:	8/3/18		
Date Borehole Completed:	8/3/18		
Logged By:	J. Manke		
Drilling Company:	CN Drilling		