

LEGEND: BUILDING OUTLINE WITH DOOR CONCRETE SURFACE BRICK SURFACE ASPHALT SURFACE *[ ||| ||| ||| ||| ||| ||| ||| ||| |||* WALL — — — — — — BUILDING OVERHANG --- -- EDGE OF ASPHALT EASEMENT LINE \_\_\_\_\_ LOT LINE PROPERTY LINE ELECTRICAL LINE TELECOMMUNICATIONS LINE STORM LINE SANITARY SEWER LINE — W — WATER LINE

GAS LINE OHU OVERHEAD UTILITY LINES UNDERGROUND LINE PER AS-BUILTS SIGN DOUBLE POST SIGN BOLLARD DRIVEWAY ENTRY

BIKE RACK ROOF DRAIN ELECTRICAL MANHOLE **ELECTRICAL JUNCTION BOX** EΖ ELECTRICAL METER ER O ELECTRICAL RISER ELECTRICAL CABINET ELECTRICAL VAULT TRANSFORMER **GUY ANCHOR GUY POLE** POWER POLE \$\tau\$/\$\tau\$ OVERHEAD LIGHT Gወ GAS METER

POWER POLE/OVERHEAD LIGHT GAS RISER **GAS VALVE** SANITARY MANHOLE WITH STRUCTURE STORM MANHOLE WITH STRUCTURE CATCH BASIN **CURB INLET** AREA DRAIN SANITARY/STORM CLEAN OUT SANITARY/STORM STRUCTURE # TELECOMMUNICATIONS MANHOLE TELVLT TELECOMMUNICATIONS VAULT TELECOMMUNICATIONS RISER FOVLT

FIBER OPTIC VAULT WATER VALVE FIRE HYDRANT WATER METER POST INDICATOR VALVE FIRE DEPARTMENT CONNECT WATER MANHOLE WATER VAULT HOSE BIB IRRIGATION CONTROL VALVE STEAM MANHOLE

WVLT

TUNNEL ENTRANCE MANHOLE UNKNOWN VAULT **EMERGENCY CALL** DECIDUOUS TREE -PERIMETER REPRESENTS DRIPLINE CONIFEROUS TREE -PERIMETER REPRESENTS DRIPLINE

FOUND MONUMENT

PROJECT CONTROL POINT

STORM TABLE:

STORM MANHOLE RIM = 430.06'

(2) STORM MANHOLE

RIM = 429.88'

3 STORM MANHOLE

RIM = 428.22'

RIM = 427.17'

IE 8" IN (N) = 425.55'

IE 8" OUT (S) = 425.51'

IE 6" OUT (S) = 425.72'

IE 6" OUT (E) = 425.79'

IE 4" OUT (N) = 426.41'

IE 10" OUT (S) = 423.97'

IE 8" IN (NE) = 409.12'

IE 12" IN (N) = 409.08'

IE 8" IN (NW) = 409.10'

IE 15" IN (N) = 408.41'

IE 15" OUT (S) = 408.39'

IE 15" IN (N) = 407.79'

IE 24" OUT (SW) = 407.78'

IE 15" IN (S) = 411.84'
IE 12" IN (SE) = 411.41'
IE 12" IN (F) = 411.89'

CATCH BASIN
RIM = 426.43'

IE 15" OUT (S) = 408.98'

(4) CATCH BASIN

(5) CATCH BASIN

6 CATCH BASIN RIM = 426.94'

(7) AREA DRAIN

(8) CATCH BASIN

RIM = 425.30'

9 STORM MANHOLE

STORM MANHOLE RIM = 417.63'

(11) STORM MANHOLE

RIM = 421.89'

RIM = 416.07'

✓ RIM = 427.05'

✓ RIM = 426.88'

IE 4" IN (SE) = 426.21'

IE 4" IN (NE) = 425.10'

IE 4" OUT (W) = 424.88'

IE 8" IN (NW) = 426.54' IE 8" OUT (S) = 426.47'

RIM = 429.88'
IE 8" OUT (SE) = 427.14'

13 CATCH BASIN RIM = 423.71'

1.) VERTICAL DATUM: NAVD 88 (GEOID 12A) ELEVATION WAS ESTABLISHED THROUGH A GPS OBSERVATION ON CONTROL POINT NO. 1 USING THE OREGON REAL-TIME GPS NETWORK (ORGN).

2.) BASIS OF BEARINGS FOR THIS SURVEY IS THE OREGON COORDINATE REFERENCE SYSTEM (OCRS), EUGENE ZONE. THE RESULTANT BEARING BETWEEN CONTROL POINTS 1 AND 2 IS SOUTH 03°37'28" WEST.

3.) BOUNDARY AND EASEMENTS SHOWN HEREON ARE BASED ON TITLE REPORT NO. 0265272 BY CASCADE TITLE COMPANY, EFFECTIVE DATE JANUARY 28, 2010. THE TITLE REPORT REFERENCED ABOVE ONLY APPLIES TO A PORTION OF THE SITE SHOWN HEREON. OTHER EASEMENTS MAY EXIST.

4.) UTILITY LOCATIONS SHOWN ARE PER FIELD LOCATED UTILITY PAINT MARKS & REFERENCE MAPS MADE AVAILABLE BY THE VARIOUS UTILITY PROVIDERS. UNLESS INDICATED, DEPTHS OF UTILITY LINES ARE NOT AVAILABLE. ALL UTILITY LOCATIONS SHOULD BE FIELD VERIFIED (POTHOLED) PRIOR TO CONSTRUCTION.

5.) HORIZONTAL AND VERTICAL TUNNEL POSITION MEASURED TO INTERIOR WALL FACE.

STORM MANHOLE RIM = 423.21'

14) CURB INLET RIM = 422.46'

15) CURB INLET RIM = 422.34'

RIM = 424.08'

(17) STORM MANHOLE

RIM = 423.70'

RIM = 423.79'

19 STORM MANHOLE

(20) STORM MANHOLE

21) CATCH BASIN RIM = 426.40'

IE 12" OUT (NW) = 417.39'

IE 10" OUT (NE) = 421.13'

IE 10" IN (S) = 419.34'

IE 15" IN (E) = 414.78'

IE 10" IN (N) = 419.64'

IE 15" OUT (W) = 414.71'

IE 10" OUT (N) = 418.83'

IE 10" IN (W) = 419.90'

IE 10" IN (E) = 419.98'

IE 8" IN (N) = 421.14'

IE 8" IN (W) = 421.10'

IE 6" OUT (S) = 425.51'

IE 6" OUT (S) = 425.51'

IE 10" OUT (E) = 419.98'

IE 12" OUT (N) = 415.68'

' RIM = 423.21'

## **SANITARY TABLE:**

SANITARY MANHOLE RIM = 427.48' IE 10" IN (SW) = 418.21' IE 6" IN (SE) = 424.58' IE 12" IN (S) = 414.29' IE 6" OUT (N) = 423.30' IE 15" IN (E) = 414.21' 2 SANITARY MANHOLE IE 15" OUT (N) = 414.06' RIM = 428.93' IE 8" IN (W) = 420.93' IE 6" IN (S) = 421.18' IE 8" OUT (E) = 419.20' SANITARY MANHOLE RIM = 429.93' IE 10" IN (W) = 418.61' IE 8" IN (W) = 416.08' IE 10" OUT (NW) = 418.31'

IE 8" OUT (SE) = 416.04' 4 SANITARY MANHOLE RIM = 426.34' IE 8" IN (NW) = 415.62' IE 8" OUT (SE) = 415.52' 5 SANITARY MANHOLE RIM = 424.41'

IE 8" IN (NW) = 414.82' IE 6" IN (SW) = 415.03' IE 8" IN (SE) = 414.85' IE 8" OUT (NE) = 414.78' 6 SANITARY MANHOLE RIM = 423.65' IE 8" IN (S) = 416.45' IE 8" IN (E) = 416.55'

IE 8" OUT (NW) = 416.39'  $\langle 7 \rangle$  SANITARY MANHOLE / RIM = 426.93' IE 8" IN (W) = 419.92' IE 8" IN (E) = 419.88' IE 8" OUT (N) = 419.59'

> UNIVERSITY OF OREGON KNIGHT CAMPUS FOR ACCELERATING SCIENTIFIC IMPACT - PHASE 2

PORTLAND SEATTLE LOS ANGELES **WASHINGTON DC NEW YORK** VANCOUVER BC

Suite 200

Consultants

CIVIL

Portland, OR 97205 T 503 224 3860 www.zgf.com

EUGENE, OR 97401 T 541 864 4902

1932 1ST AVE, SUITE 700

SEATTLE, WA 98101

PORTLAND, OR 97204

WESTLAKE CENTER OFFICE TOWER

SEATTLE, WA 98101

402 W BROADWAY

SAN DIEGO, CA 92101

25 KEARNEY ST, SUITE 500

SAN FRANCISCO, CA 94108

TUNNEL INFRASTRUCTURE

929 108TH AVE NE UNIT 1000

1601 FIFTH AVE, SUITE 1400

LANDSCAPE

T 206 903 6802

STRUCTURAL

T 503 542 3860

**AEI ENGINEERS** 

T 206 256 0800

LAB PLANNING

T 619 542 3860

ATELIER TEN

T 415 351 2100

T 425 686 6000

**WOOD HARBINGER** 

BELLEVUE, WA 98004

DESIGNER

SUSTAINABILITY

1223 SW Washington Street

KPFF CONSULTING ENGINEERS 800 WILLAMETTE ST, SUITE 400

KPFF CONSULTING ENGINEERS

111 SW FIFTH AVE, SUITE 2600

1100 RIVERFRONT PKWY UNIVERSITY OF OREGON EUGENE, OR 97403

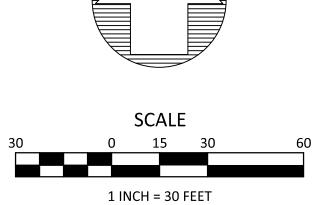
**EXISTING CONDITIONS** 



**PERMIT SET** 

PROJECT CONTROL:

NORTHING | EASTING | ELEVATION | DESCRIPTION 1-1/8" BRASS CAP "KPFF CONTROL" 108955.02 | 189557.12 | 422.54' 1-1/8" BRASS CAP "KPFF CONTROL" 108336.21 | 189517.92 | 432.61' MAG NAIL W/ WASHER "KPFF CONTROL" 108506.61 | 189228.52 | 425.59' MAG NAIL W/ WASHER "KPFF CONTROL" | 108582.80 | 189073.67 | 427.08' 1-1/8" BRASS CAP "KPFF CONTROL" | 108994.92 | 189098.17 | 429.68'



JOB NO. 2100172