



NOTES:
HORIZONTAL AND VERTICAL DATUMS ARE THE HSU OFFICIAL DATUMS AS PREVIOUSLY ESTABLISHED BY SHN.
NOT ALL SYMBOLS IN THE LEGEND ARE USED IN ALL DRAWINGS.
UNDERGROUND UTILITIES IN LAYERS ENDING IN -HSUASBUILTS ARE BASED ON UTILITY MAPPING PROVIDED BY HSU. AN ATTEMPT HAS BEEN MADE TO BEST FIT THIS DATA WITH SURVEYED COMMON POINTS, BUT CRITICAL LOCATIONS AND SIZES MUST BE VERIFIED.

LEGEND

SYMBOL	INDICATES	SYMBOL	INDICATES	SYMBOL	INDICATES	STORM DRAIN INLET AND MANHOLE DATA	STORM DRAIN INLET AND MANHOLE DATA	STORM DRAIN INLET AND MANHOLE DATA	SEWER INVERT DATA
DOUBLE-POST SIGN		WATER VALVE		GAS LINE		DI #14 2'-4"x2'-4" GRATE GRATE 143.99 DI FLOOR 142.01 FL 4"PVC IN (W) 142.39 *FL 6"STL OUT (?)	DI #22 1'-6"x3'-4" GRATE GRATE 149.82 DI FLOOR 148.57 FL 4"PVC OUT (N) 148.67	DI #68 1'-10"x3'-4" GRATE GRATE 125.39 DI FLOOR 121.3 FL 12"HDPE IN (E) 121.81 FL 12"HDPE OUT (W) 121.37	SSMH #2 LID 169.25 FL 6"PVC IN (N) 165.93 FL 6" OUT (S) 165.84
SINGLE POST SIGN		WATER METER		GAS REGULATOR		DI #17 2'-4"x2'-4" GRATE GRATE 142.97 DI FLOOR 142.01 FL 4"PVC IN (E) 142.09 FL 6"PVC OUT (W) 142.00	DI #23 1'-10"x1'-10" GRATE GRATE 147.40 DI FLOOR 144.83 FL 4"STL IN (W) 145.27 FL 6"AC OUT (N) 144.96	DI #69 2'-2"x6"-6" GRATE GRATE 107.80 DI FLOOR 105.1 FL 12"HDPE OUT (S) 105.12	SSMH #3 LID 156.66 FL 6"PVC IN (N) 154.26 FL 6"PVC OUT (S) 153.08
METAL BOLLARD		WATER SHUT-OFF		GAS VALVE		DI #18 1'-8"x1'-8" GRATE GRATE 141.85 DI FLOOR 140.23 FL 6"PVC IN (E) 140.41 FL 8"VCP OUT (W) 140.35	DI #64 1'-10"x3'-4" GRATE GRATE 126.10 DI FLOOR 122.5 FL 12"HDPE IN (E) 122.77 FL 12"HDPE OUT (W) 122.26	SDMH #70 LID 117.58 FL 12"HDPE IN (NE) 115.65 FL 12"HDPE OUT (SW) 115.63	SSMH #9 LID 107.86 FL 8"AC IN (N) 111.30 FL 8"AC OUT (S) 111.17
CONCRETE WALKS, SLABS, ETC. (HATCHING NOT SHOWN ON NARROW CONCRETE FEATURES)		DRINKING FOUNTAIN		GAS METER		DI #19 1'-10"x3'-4" GRATE GRATE 135.29 DI FLOOR 131.4 FL 6"PVC IN (E) 133.83 FL 12"HDPE OUT (W) 131.51	DI #65 2'x3'-4" GRATE GRATE 119.98 DI FLOOR 117.5 FL 12"HDPE IN (E) 118.04 FL 12"HDPE OUT (W) 117.54	SDMH #71 LID 115.79 FL 12"HDPE IN (NE) 113.31 FL 12"RCP IN (W) 111.31 FL 18"HDPE OUT (S) 111.12	SSMH #8 LID 117.87 FL 8"AC IN (N) 111.30 FL 8"AC OUT (S) 111.17
TREETRUNK - D.B.H. AND SPECIES NOTED SPECIES IS REDWOOD IF NOT NOTED. ?=SPECIES UNKNOWN (S)=STUMP		ELECTRIC LINE OR FEATURE		IRRIGATION LINE OR FEATURE		DI #20 1'-10"x3'-4" GRATE GRATE 134.48 DI FLOOR 132.10 FL 6"PVC IN (E) 133.15 FL 12"HDPE OUT (W) 132.12	DI #66 1'-10"x3'-4" GRATE GRATE 113.98 DI FLOOR 109.5 FL 18"HDPE IN (N) 110.12 FL 18"HDPE OUT (E) 109.56	SDMH #72 LID 113.72 FL 12"HDPE IN (NNW) 109.16 FL 12"HDPE IN (NW) 109.12 FL 18"HDPE OUT (S) 108.84	SSMH #3 LID 156.66 FL 6"PVC IN (N) 154.26 FL 6"PVC OUT (S) 153.08
GEOTECH INVESTIGATION BORE HOLE WITH NUMBER		ELECTRIC OR STREETLIGHT LINE		IRRIGATION LINE		DI #21 1'-2"x1'-6" GRATE GRATE 148.98 DI FLOOR 147.52 FL 4"PVC IN (S) 147.81 FL 6"PVC OUT (W) 147.67	DI #67 1'-10"x3'-4" GRATE GRATE 101.16 DI FLOOR 98.8 FL 12"HDPE OUT (S) 98.81	SDMH #73 LID 115.96 FL 12"HDPE IN (NW) 114.24 FL 12"HDPE IN (E) 113.96 FL 112"HDPE OUT (SW) 113.90	SSMH #9 LID 107.86 FL 8"AC IN (N) 102.46 FL 6"SDR35 IN (E) 103.44 FL 8"AC OUT (S) 101.74
PLANTER OR LANDSCAPE AREA		OVERHEAD		IRRIGATION QUICK CONNECT				SDMH #74 LID 116.75 FL 12"HDPE IN (NW) 112.15 FL 12"HDPE OUT (S) 111.95	SSMH #8 LID 117.87 FL 8"AC IN (N) 111.30 FL 8"AC OUT (S) 111.17
ASPHALT PAVING		CONCRETE ENCASED		IRRIGATION CONTROL VALVE					SSCO #10 LID 127.82 FL 6"PVC 125.77
CAMPUS PROPERTY LINE		HIGH VOLTAGE		BACKFLOW PREVENTER					SSCO #11 LID 127.82 FL 6"SDR35 125.54
COORDINATE GRID TICK (100'x100')		POWER POLE		MASTER VALVE/FLOW SENSOR					
SURVEY CONTROL POINT		ELECTRIC MANHOLE OR VAULT		PHONE LINE OR FEATURE					
PORTLAND CONCRETE CEMENT		ELECTRIC PULLBOX (LARGER BOXES SHOWN AT TRUE SIZE)		SIGNAL LINE OR FEATURE					
CHAIN LINK FENCE		STREETLIGHT LINE OR FEATURE		PHONE OR SIGNAL LINE					
SPOT ELEVATIONS (SEE CAD FILE FOR OTHERS)		STREETLIGHT		OVERHEAD					
CONTOURS (1 FOOT)		STREETLIGHT PULLBOX		CONCRETE ENCASED					
FENCE (WITH SIZE AND TYPE)		SECTIONALIZING SWITCH		PHONE/SIGNAL PULLBOX (LARGER BOXES SHOWN AT TRUE SIZE)					
TYPICAL UTILITY LINE SHOWING UTILITY TYPE AND DETAILS		ELECTRICAL METER		TELEPHONE MANHOLE OR VAULT					
PCC VALLEY GUTTER		ELECTRICAL PANEL		CLOSED CIRCUIT TELEVISION LINE OR FEATURE					
MB MAIL BOX		ELECTRICAL CONDUIT UNDERGROUND		CCTV PULLBOX					
WATER LINE OR FEATURE		ELECTRICAL OUTLET		TELEPHONE POLE					
HYDRONIC		STORM DRAIN LINE OR FEATURE		TELEPHONE CONDUIT UNDERGROUND					
BACKFLOW PREVENTER		STORM DRAIN LINE		SANITARY SEWER LINE OR FEATURE					
FIRE HYDRANT		STORM DRAIN DROP INLET W/ NUMBER		SANITARY SEWER LINE					
HOSEBIB		STORM DRAIN MANHOLE W/ NUMBER		SANITARY SEWER CLEANOUT W/ NUMBER					
		RAINWATER LEADER (TO GROUND SURFACE IF NO LINE ATTACHED)		SANITARY SEWER MANHOLE W/ NUMBER					
		GAS LINE OR FEATURE							

VERIFY SCALES
BAR IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

CONSULTING ENGINEERS
& GEOLOGISTS, INC.
812 W. WABASH
EUREKA, CA 95501
(707)441-8855
FAX (707)441-8877

DSGN	DR	CHK	APVD	NO.	DATE	REVISION	BY

HUMBOLDT STATE UNIVERSITY
JENKINS HALL GEO-SURVEY
ARCATA, HUMBOLDT COUNTY, CALIFORNIA
EXISTING CONDITIONS

DRAWING
1
SHT OF 1
DATE 11/2016
PROJ. NO.
016147