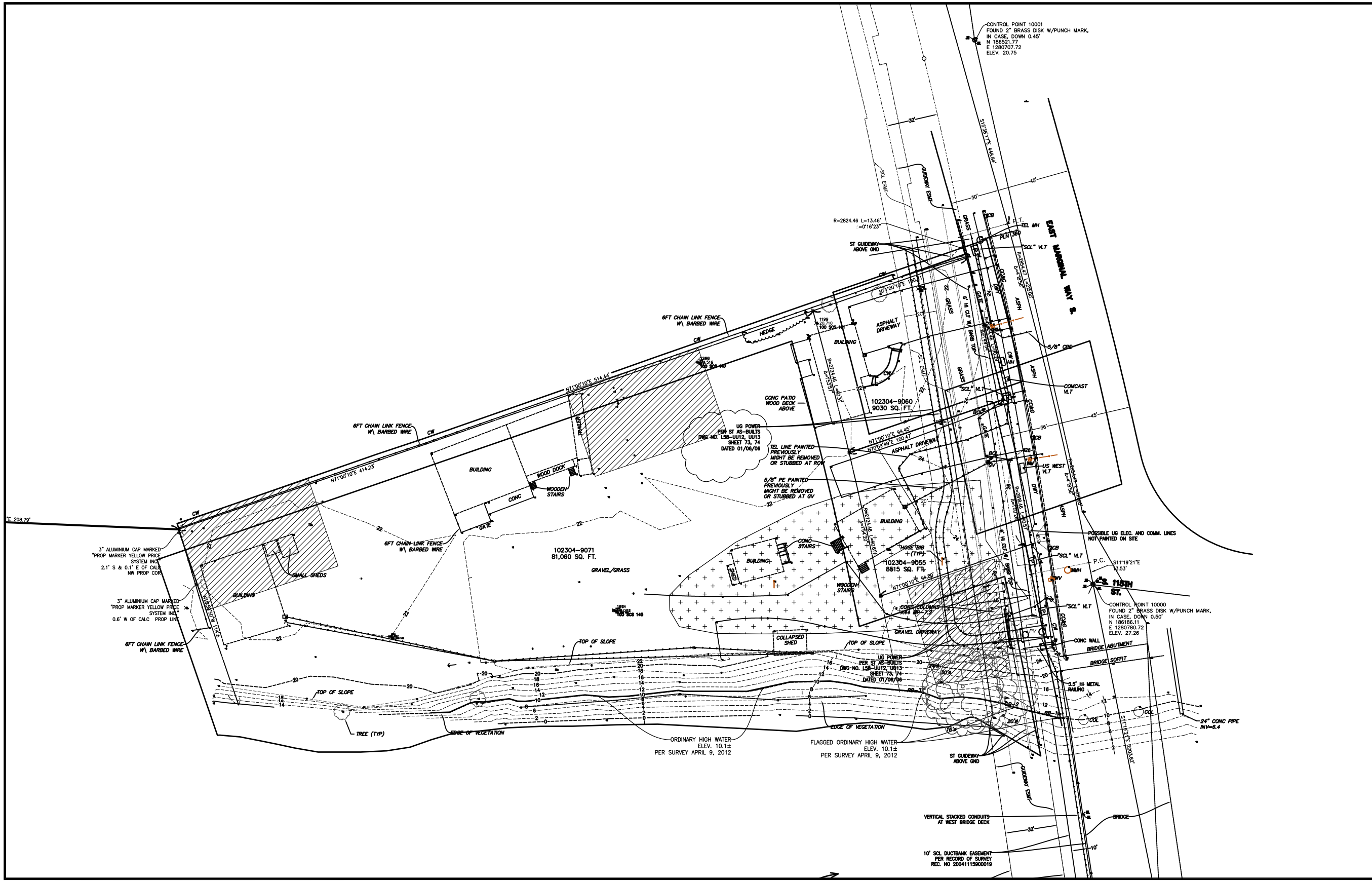

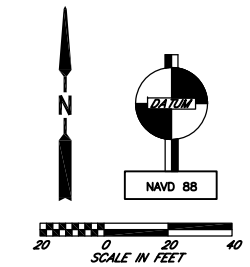

SURVEY NOTES

HORIZONTAL DATUM:

WASHINGTON COORDINATE SYSTEM, NAD83/91, NORTH ZONE

BASIS OF BEARINGS AND COORDINATES:

DERIVED BETWEEN LIN @ ASSOCIATES CONTROL POINTS 10001 AND 10002
N12°16'16"W 343.51' (MEASURED)

CONTROL POINT 10000
FOUND 2" BRASS DISK W/PUNCH MARK,
IN CASE, DOWN 0.50'
N 186186.11
E 1280780.72
ELEV. 27.26

CONTROL POINT 10001
FOUND 2" BRASS DISK W/PUNCH MARK,
IN CASE, DOWN 0.45'
N 186521.77
E 1280707.72
ELEV. 20.75

VERTICAL DATUM:

NAVD88

BENCHMARK:
SOUND TRANSIT (ST) H/V CONTROL POINT HV-21RS,
2" DIA. ALUMINIUM DISK STAMPED "SOUND TRANSIT LIGHT RAIL HV-21RS",
ELEV=19.77 FEET

UNITS:

U.S. SURVEY FOOT. MULTIPLY BY 12/39.37 TO GET METERS.
CONTOUR INTERVAL SHOWN: 2'

VERTICAL DATUM CONVERSIONS
(PER CITY OF SEATTLE PUBLIC UTILITIES)

DATUM	ELEVATION
NAVD88	0.00
MEAN LOW WATER	+0.49
MEAN LOWER LOW WATER (83-01 EPOCH)	-2.35
NGVD 29, KING COUNTY,METRO	+3.58

NOTE:
FROM A DATUM TO NAVD 88 ADD THE VALUE SHOWN
FROM NAVD88 TO A DATUM SUBTRACT THE VALUE SHOWN

EXAMPLE: NAVD88 ELEV. 20.00 = (20.00 -(-2.35)) = MLLW ELEV. 22.35
NGVD29 ELEV. 10.00 = (10.00 + 3.58) = NAVD88 ELEV. 13.58

SURVEY AND BASE INFO

CITY OF TUKWILA

March 28, 2013

DUWAMISH GARDENS HABITAT PROJECT

j.a. brennan associates, PLLC
in association with
Shannon & Wilson, Inc.
CardnoTEC, Inc.
Chris Webb & Associates
CASCADE Interpretive Consulting
ESA Paragon