

Job T00871 NE Halsey: 68th – 92nd

Control Narrative

July 2019

SRB

Horizontal Control

ORCS Coordinates

Set GPS Coordinates in OCRS for points 800 & 801

- 800,176198.600,374961.068, Set BD "COP Control" in Water Vault Pad near 9400 NE Halsey St
- 801,176371.735,367946.081, Set BD "COP Control" in SE Corner of NE 67th Ave and Halsey St

Ran Traverse from 800 to 801 set points 301-313

Compass Rule Adjustment of Traverse:

- Point 800 held for position – renumbered to 300
- Point 801 held for bearing – renumbered to 314
- Precision = 1:306208

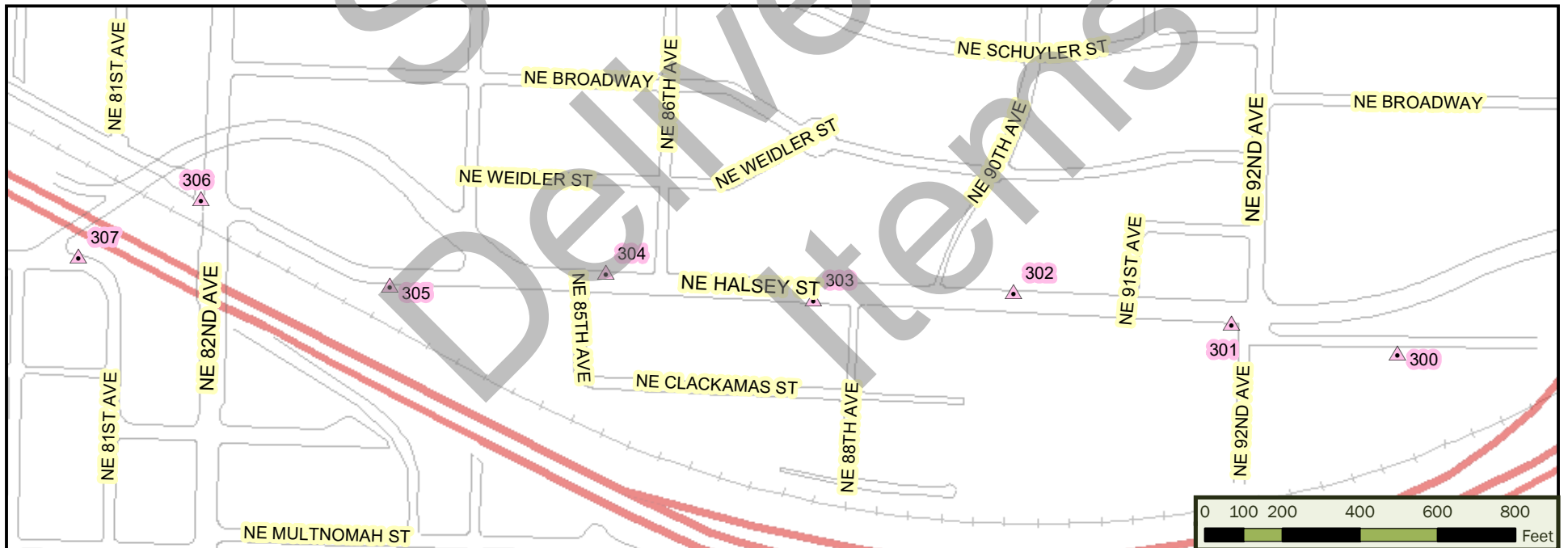
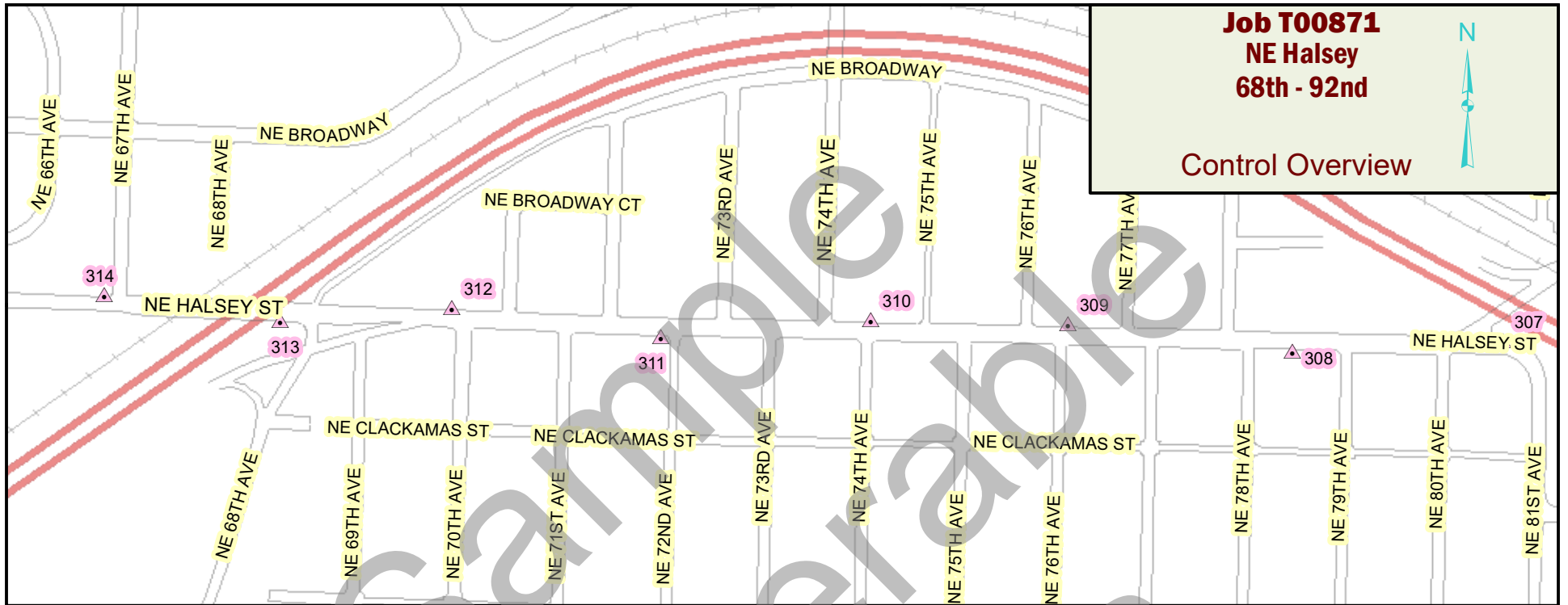
Vertical Control:

COP Vertical Datum: Held BM 546 at the SW Corner of NE 65th Ave and Hancock St EL = 209.245

- Used GPS Values on Benchmarks 1, 546, 2145 & 2321 to set initial values for points 800 to 801
- Trig Level Between Points with a vertical closure of 0.013' in 13 turns compared to GPS values.
- Ran Differential Levels from BM 546 to establish elevation of 801 (314) and adjusted all points by -1.988 to convert to COP datum.

300,176198.600,374961.068,211.891,CP
301,176266.065,374531.137,216.980,CP
302,176329.680,373966.870,219.356,CP
303,176297.311,373451.883,224.337,CP
304,176351.466,372915.147,233.408,CP
305,176303.308,372359.236,239.205,CP
306,176511.067,371867.018,243.193,CP
307,176354.541,371554.834,240.791,CP
308,176312.619,371013.433,240.498,CP
309,176366.786,370432.289,243.032,CP
310,176363.117,369923.772,244.879,CP
311,176304.664,369383.489,246.317,CP
312,176363.284,368843.676,240.535,CP
313,176318.102,368401.773,232.367,CP
314,176371.735,367946.081,227.594,CP

Sample
Deliverable
Items



GPS 800/CP 300 BD "CAP CONTROL"

301-MAG

CRB

NE HALSEY ST.

NE HALSEY ST. (EXT)
- SERVICE RD -

(3) WM



WMT

5.5'

AC
PARKING

42.3'

BLDG
9400

N

u NTS u

302-MAG

303-MAG

HOUSE
9031

NE HALSEY ST.

10.5'

6.2'

WM

MBX

5.5'

14.8'

NE HALSEY ST.

HOUSE
8730

✓ DJG

304-MAG

305-MAG

BLDG # 8301

HSE
#8517

NE JONESMORE ST.

NE HALSEY ST.

AC DWY

306-MAG

TRPL

COLUMN

I-84

BRIDGE

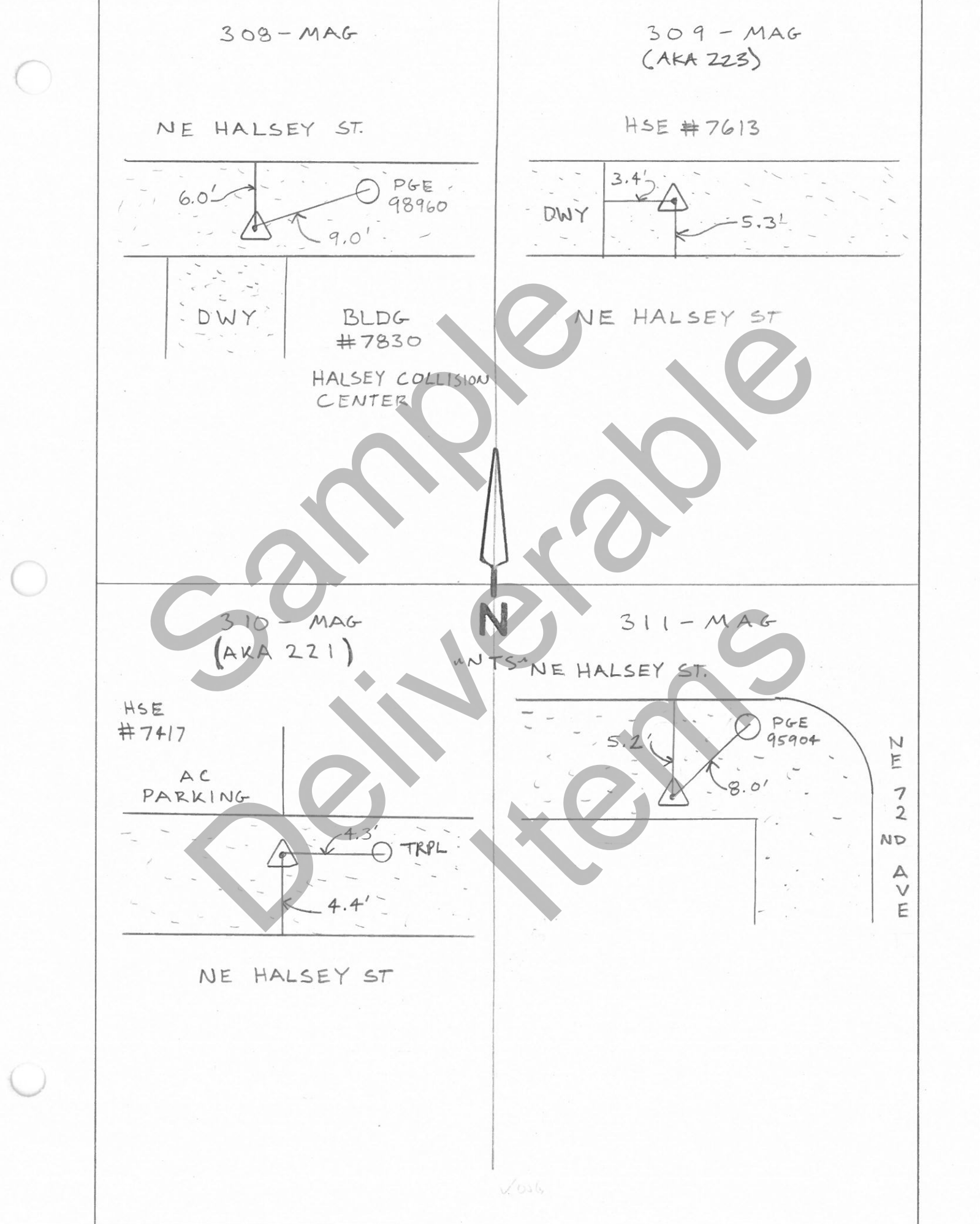
NE
82ND
AVENE JONESMORE
ST →

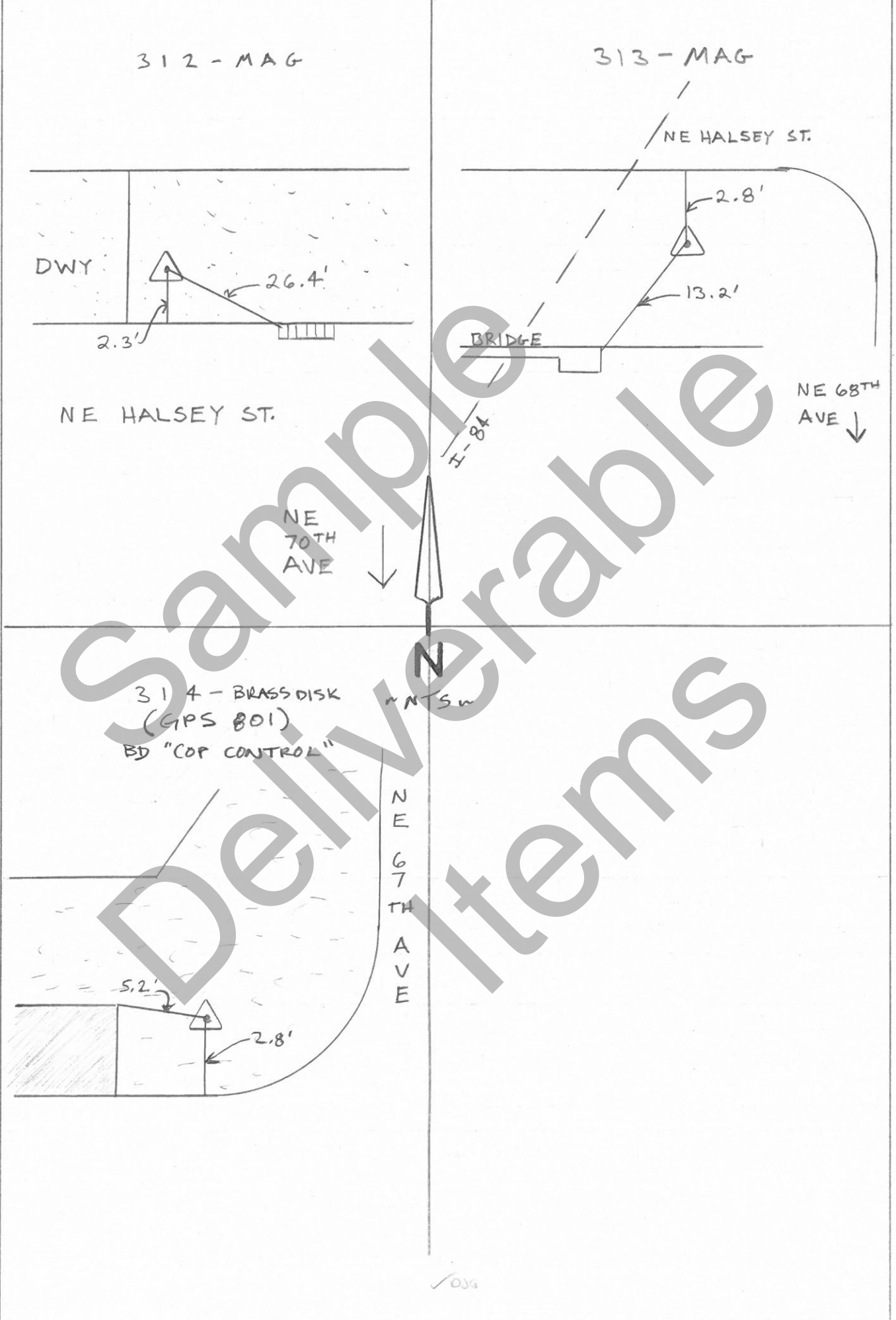
307-MAG

NE HALSEY ST
(OVERPASS)

7.5' 2.2'

NE 81ST AVE







MH Detail

Job# **11184**

Job Name: **NE FLANDERS**

SGP PAF

Date: 7/1/2019

Crew: NKL

Package: ORIGINAL

MH# ABM484

Location: CL X CL NE 66TH AND FLANDERS

Point #: 14007

Northing: 173331.75

11184BB OR

File Name: SGP

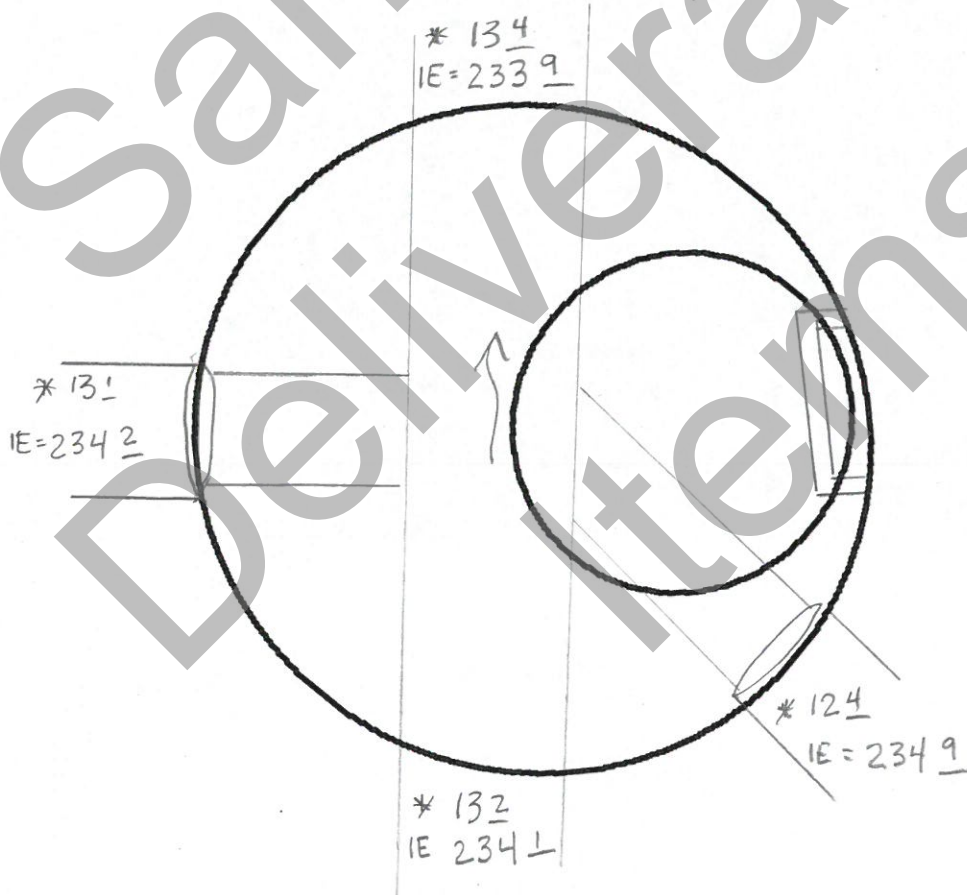
Easting: 367636.98

Rim El: 247.26



Notes / Legend

- Coordinates to center of structure.
- Drawing not to scale
- D = Measure down from lid
- I.E. = Invert Elevation
- El = Spot Elevation



MH Detail
MH# ABM484



MH Lid 1



MH Interior 1

☐

Condition Assessment				
Inside Shape:	☒ Circle	☐ Oval	☐ Box	☐ Offset
Dimensions:	4' DIA			
Material:	☐ Mono Conc	☒ Precast Conc	☐ Brick	
Fittings:	☐ Inside Drop	☐ Flow Monitor	☐ Conduit	☐ Bad Steps
Odor:	☐ Strong	☐ Chemical	☐ Mild / Normal	
Frame & Cover:	☐ Lid Rocking	☐ Frame Shifted	☐ Riser Material Deteriorated	
Walls:	☐ Leaking	☐ Cracks	☐ Holes	☐ Clinging Flow Debris
Base:	☐ Debris	☐ Heavy Erosion		
Needs Follow-up:	☐ Yes			



Job# 11184

Date: 7/1/2019

MH Detail

Job Name: NE FLANDERS

SGP PAF

Crew: NKL

Package: ORIGINAL

MH# ABM485

Location: CL X CL NE 67TH AND FLANDERS

Point #: 14314

Northing: 173331.41

11184BB OR

File Name: SGP

Easting: 367947.09

Rim El: 252.90

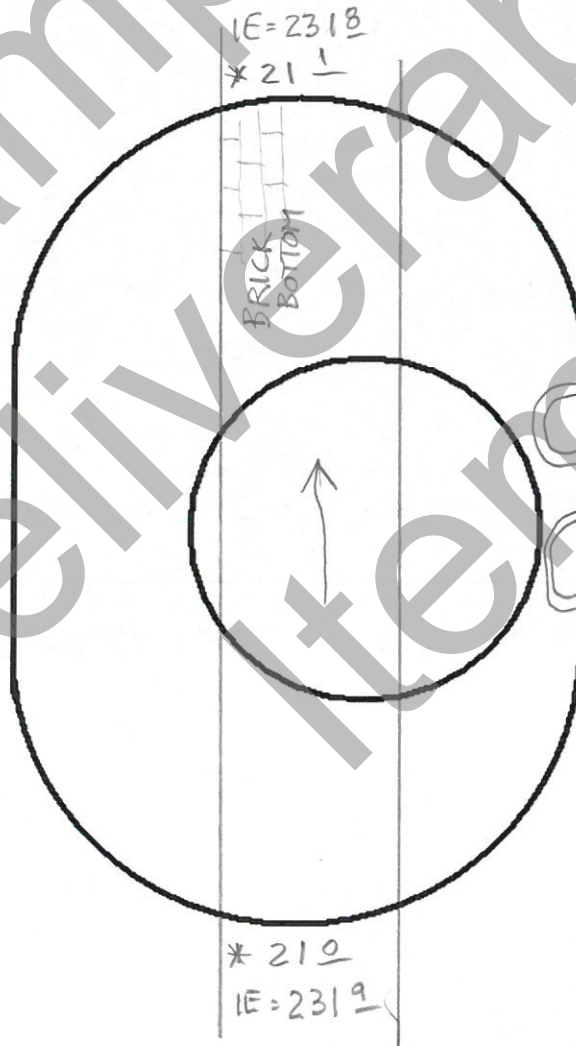


NOTE:

BRICK BOTTOM

Notes / Legend

- Coordinates to center of structure.
- Drawing not to scale
- D = Measure down from lid
- I.E. = Invert Elevation
- El = Spot Elevation



MH Detail
MH# ABM485



MH Lid 1



MH Interior 1

☐

Condition Assessment			
Inside Shape:	☐ Circle	☒ Oval	☐ Box
Dimensions:	4' X3'		
Material:	☐ Mono Conc	☒ Precast Conc	☒ Brick on bottom
Fittings:	☐ Inside Drop	☐ Flow Monitor	☐ Conduit
Odor:	☐ Strong	☐ Chemical	☐ Mild / Normal
Frame & Cover:	☐ Lid Rocking	☐ Frame Shifted	☐ Riser Material Deteriorated
Walls:	☐ Leaking	☐ Cracks	☐ Clinging Flow Debris
Base:	☐ Debris	☐ Heavy Erosion	
Needs Follow-up:	☐ Yes		