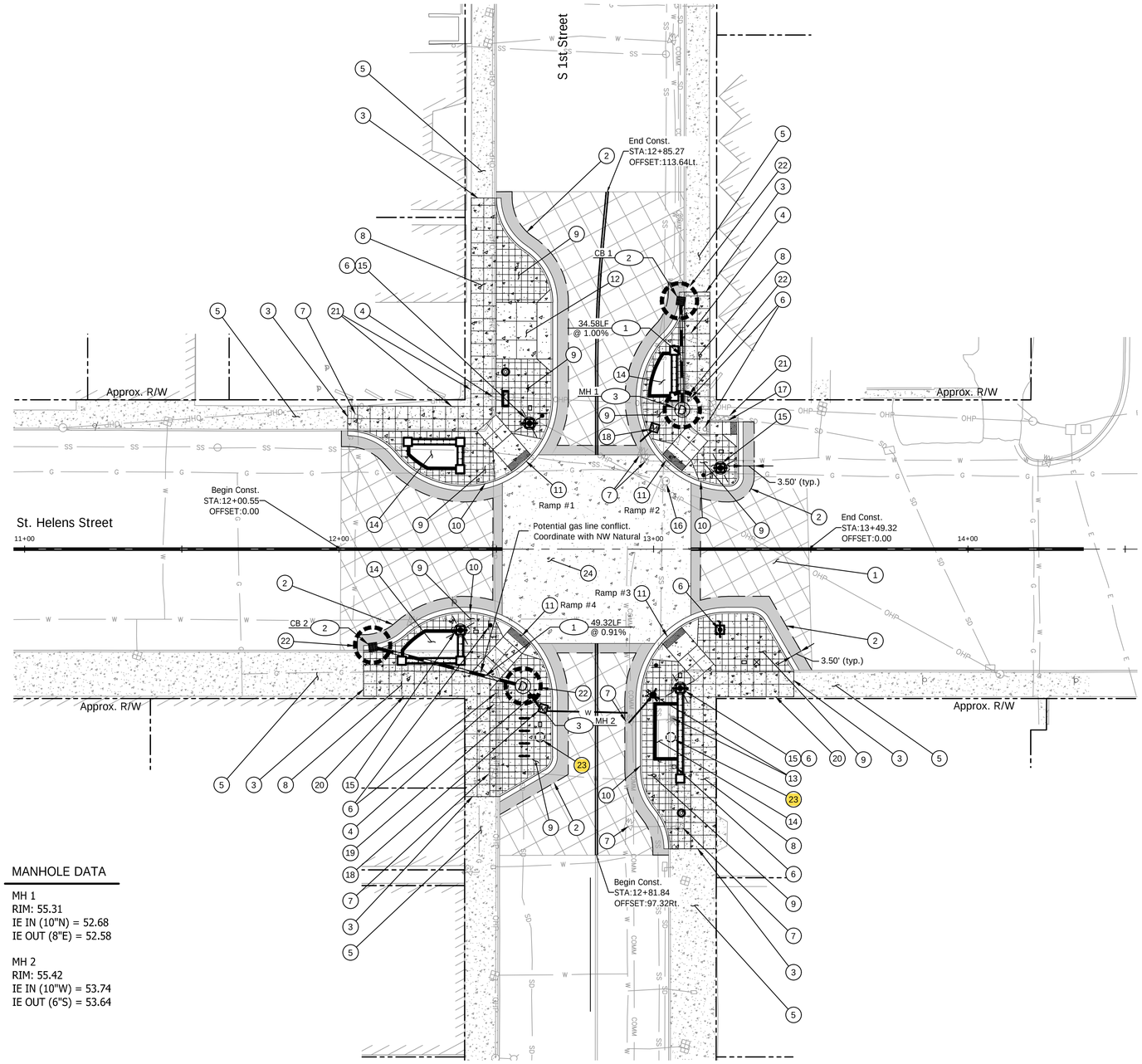

CATCH BASIN DATA

CB 1
TOP OF CURB: 56.10
IE IN (8"N) = 53.13
IE OUT (10"S) = 53.03

CB 2
TOP OF CURB: 57.36
IE OUT (10"E) = 54.19

MANHOLE DATA

MH 1
RIM: 55.31
IE IN (10"N) = 52.68
IE OUT (8"E) = 52.58

MH 2
RIM: 55.42
IE IN (10"W) = 53.74
IE OUT (6"S) = 53.64

STORM CONSTRUCTION NOTES

1. Install 10 inch ductile iron storm sewer pipe.
2. Install 20 inch x 24 inch catch basin per City of St. Helens Standard Dwg. No. 315 on sheet 2B-2.
3. Remove existing catch basin and install flat-top manhole per City of St. Helens Standard Dwg. No. 351 on sheet 2B-2.

Scale: 1" = 20'

20 10 0 20

STREET CONSTRUCTION NOTES

1. Area of 2 inch asphalt grind and inlay.
2. Sawcut and remove existing asphalt pavement.
3. Remove existing concrete sidewalk, curbs, and curb ramps.
4. Existing utility pole to be removed by owner. Contact Brooke Cisco with CRPUD at 971-225-8328
5. Preserve and protect existing curb and sidewalk.
6. Sign equipment. See signing and striping plans.
7. Adjust water valve to box to grade.
8. Construct sidewalk with 4 ft x 4 ft scoring pattern. See City of St. Helens std. dwg. 220 on sheet 2B for details. See sheets 3A-2 thru 3A-5 for detailed grading.
9. Construct sidewalk with 2 ft x 2 ft scoring pattern. See City of St. Helens std. dwg. 220 on sheet 2B for details.
10. Construct curb and gutter. See City of St. Helens std. dwg. 200 on sheet 2B for details. See detailed grading sheets 3A-2 thru 3A-5 for gutter counter slope requirements.
11. Construct perpendicular curb ramp with charcoal grey truncated domes per ODOT Std Dwg. RD 916. See sheets 3A-2 thru 3A-5 for detailed grading.
12. Construct concrete driveway with 6" thick concrete over 6" thick aggregate base. See sheets 3A-2 thru 3A-5 for detailed grading.
13. Remove and install new fire hydrant STA. 13+01.25, 54.35' RT. Install EJ model with internal Storz Cap or approved equal. Connect new hydrant to existing lateral and retain existing gate valve and valve riser. See details on sheet 2B-2. Top of landscape curb elev. = 53.85'
14. Landscape features. See Landscaping Plans.
15. Lighting equipment. See lighting plans.
16. Adjust sanitary sewer manhole to grade.
17. Construct curb per City of St. Helens std. dwg. 210. See detailed grading sheets 3A-2 thru 3A-5 details.
18. Install 1" copper pipe, water meter, and water meter box per details on sheet 2B-3. See landscape plans for irrigation details.
19. Install drinking fountain (City furnished).
20. Use preformed joint filler between new sidewalk and face of building.
21. Replace 2 ft wide section of asphalt to match finish grade of new sidewalk and transition grade to parking lot.
22. Install inlet protection.
23. Location of future gateway pole.
24. Concrete pavement. See Sheet 2C for details

REGISTERED PROFESSIONAL ENGINEER 60404PE
Digitally Signed
OREGON JUL 15, 2003 ANTHONY M. ROJAS
EXPIRES: 12/31/2022

KITTELSON & ASSOCIATES
610 SW ALDER STREET, SUITE 700
PORTLAND, OR 97205
P 503.228.5230 F 503.273.8169

#	DATE	REVISION	APP'D

Submission Date: 10/3/2022

Drawn: CEC	Designed: CEC	Checked: AMR

PROJECT NO. 23544

S 1st Street at St. Helens Street Intersection Improvements

ROADWAY & STORMWATER

SHEET NO. 3

Plot Stamp: 10/3/2022 11:40:00 AM - Caleb Cox
File: H:\23\23544 - 1st & St.Helens\design_CD\CD-3-Roadway & Stormwater-23544.dwg