# ATTACHMENT C



**Stormwater Separator at 21st & Harrison (Proposed)**

| | |
|---|---|
| 🔴 Proposed Stormwater Separator | |
| ● Inlets Within Catchment (64) | |
| ○ Inlets | |
| — Storm Drain Pipes | |
| ▭ Catchment Boundary | |

| | |
|---|---|
| Commercial Zone | 120 Ac |
| Open Space Zone | <1 Ac |
| Total Acreage Treated | 121 Ac |

0   600   1,200 Feet

## Stormwater Separator at 15th Ave and E 12th St (Proposed)

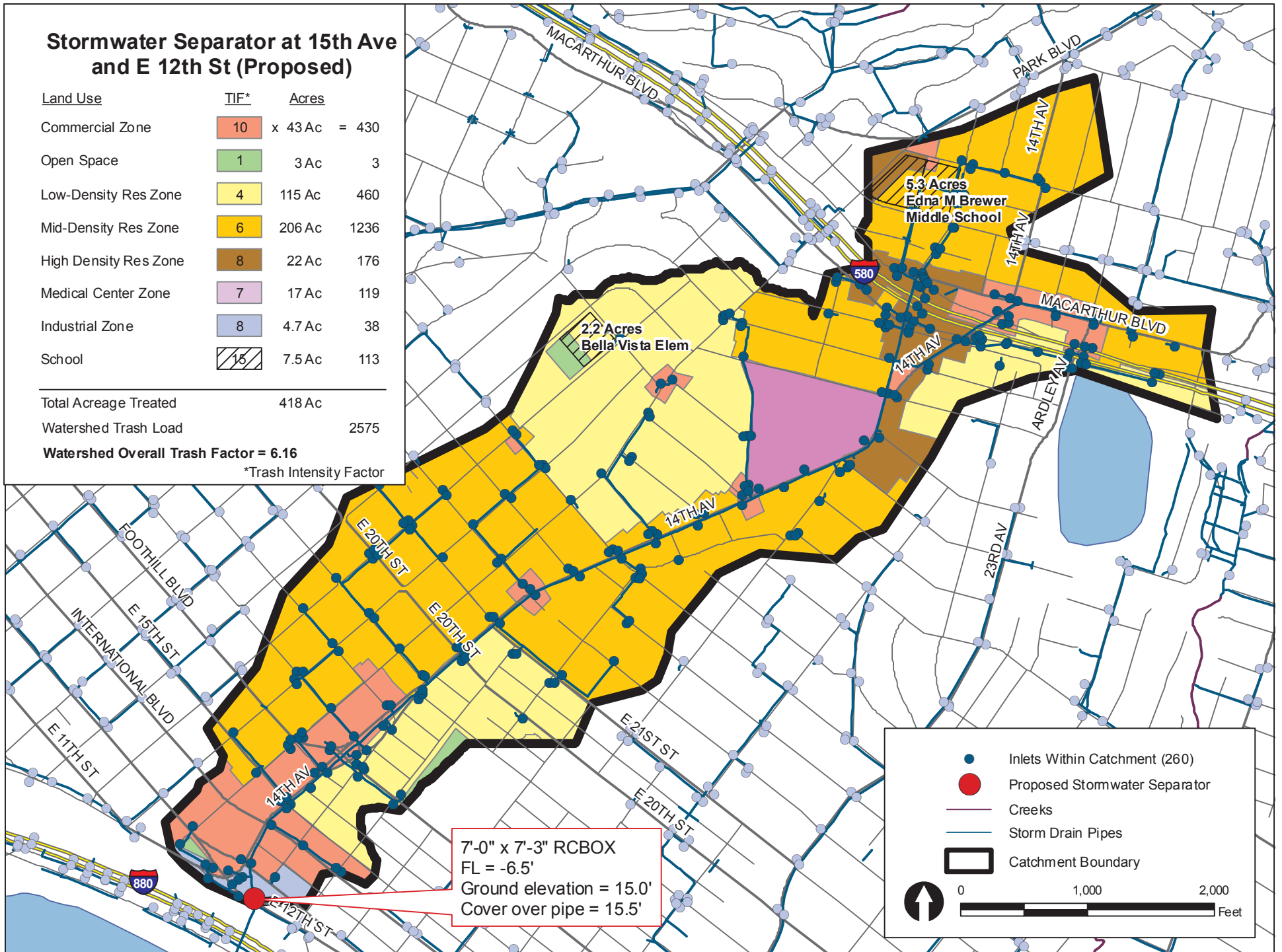| Land Use | TIF* | Acres | |
|---|---|---|---|
| Commercial Zone | 10 | x 43 Ac | = 430 |
| Open Space | 1 | 3 Ac | 3 |
| Low-Density Res Zone | 4 | 115 Ac | 460 |
| Mid-Density Res Zone | 6 | 206 Ac | 1236 |
| High Density Res Zone | 8 | 22 Ac | 176 |
| Medical Center Zone | 7 | 17 Ac | 119 |
| Industrial Zone | 8 | 4.7 Ac | 38 |
| School | 15 | 7.5 Ac | 113 |

| | | |
|---|---|---|
| Total Acreage Treated | | 418 Ac |
| Watershed Trash Load | | 2575 |

**Watershed Overall Trash Factor = 6.16**

*Trash Intensity Factor

**5.3 Acres
Edna M Brewer
Middle School**

**2.2 Acres
Bella Vista Elem**

14TH AV
14TH AV
14TH AV
14TH AV
14TH AV
MACARTHUR BLVD
MACARTHUR BLVD
PARK BLVD
ARDLEY AV
23RD AV
E 20TH ST
E 20TH ST
E 21ST ST
E 20TH ST
E 15TH ST
E 11TH ST
FOOTHILL BLVD
INTERNATIONAL BLVD
E 12TH ST

580
580
880

7'-0" x 7'-3" RCBOX
FL = -6.5'
Ground elevation = 15.0'
Cover over pipe = 15.5'

| Legend | |
|---|---|
| ● | Inlets Within Catchment (260) |
| ● | Proposed Stormwater Separator |
| | Creeks |
| | Storm Drain Pipes |
| ▭ | Catchment Boundary |

0    1,000    2,000
Feet

**Stormwater Separator at 3rd & Linden Streets (Proposed)**

| | | | |
|---|---|---|---|
| ● | Proposed Stormwater Separator | 10 | Commercial Zone | 37 Ac | 370 |
| ● | Inlets Within Catchment (200) | 10 | Transit-Oriented Zone | 50 Ac | 500 |
| — | Inlets | 8 | Industrial Zone | 71 Ac | 568 |
| — | Storm Drain Pipes | 7 | Medical Center Zone | 3 Ac | 21 |
| ▭ | Catchment Boundary | 1 | Open Space | 7 Ac | 7 |
| | | 4 | Low Density Res Zone | 44 Ac | 176 |
| | | 6 | Mid Density Res Zone | 27 Ac | 162 |
| | | 8 | High Density Res Zone | 9 Ac | 72 |

0    700    1,400 Feet

Total Acreage Treated    248 Ac

Watershed overall Trash Factor = 7.56
Watershed trash load = 1,876

248 Acres (3rd Street & Linden Street)
72" RC, FL = -5.9'
Depth to invert = 10.5'
cover over the culvert = 4.5'

## Stormwater Separator at Webster St below Embarcadero (Proposed)

| Land Use | TIF* | Acres | |
|---|---|---|---|
| Commercial Zone | 10 | x 53 Ac = | 530 |
| Central Business District | 10 | 78 Ac | 780 |
| Industrial Zone | 8 | 0.6 Ac | 5 |
| Open Space | 1 | 3 Ac | 3 |
| High Density Res Zone | 8 | 1.3 Ac | 10 |
| School | 15 | 0.6 Ac | 9 |

| | |
|---|---|
| Total Acreage Treated | 137 Ac |
| Watershed Trash Load | 1337 |
| **Watershed Overall Trash Factor = 9.76** | |

*Trash Intensity Factor

● Inlets Within Catchment (108)

● Proposed Stormwater Separator

— Storm Drain Pipes

▭ Catchment Boundary

0    600    1,200    Feet

0.65 acres - Lincoln Elem
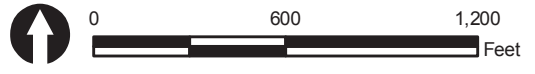
60" pipe, FL = -4.5'
Ground elevation = 5.6'
Depth to invert = 10.1'
Cover over pipe = 6.1'
80' from Webster Tube

10TH ST, 14TH ST, 13TH ST, 11TH ST, 9TH ST, 10TH ST, 6TH ST, 7TH ST, 5TH ST, 6TH ST, 4TH ST, 3RD ST, 5TH ST, VICTORY CT

JEFFERSON ST, 8TH ST, CLAY ST, WASHINGTON ST, BROADWAY, FRANKLIN ST, FRANKLIN ST, WEBSTER ST, WEBSTER TUBE, HARRISON ST, POSEY TUBE ST, ALICE ST, JACKSON ST, MADISON ST, OAK ST, FALLON ST

WATER ST, JACK LONDON SQ, POSEY TUBE, EMBARCADERO WEST, ALICE ST
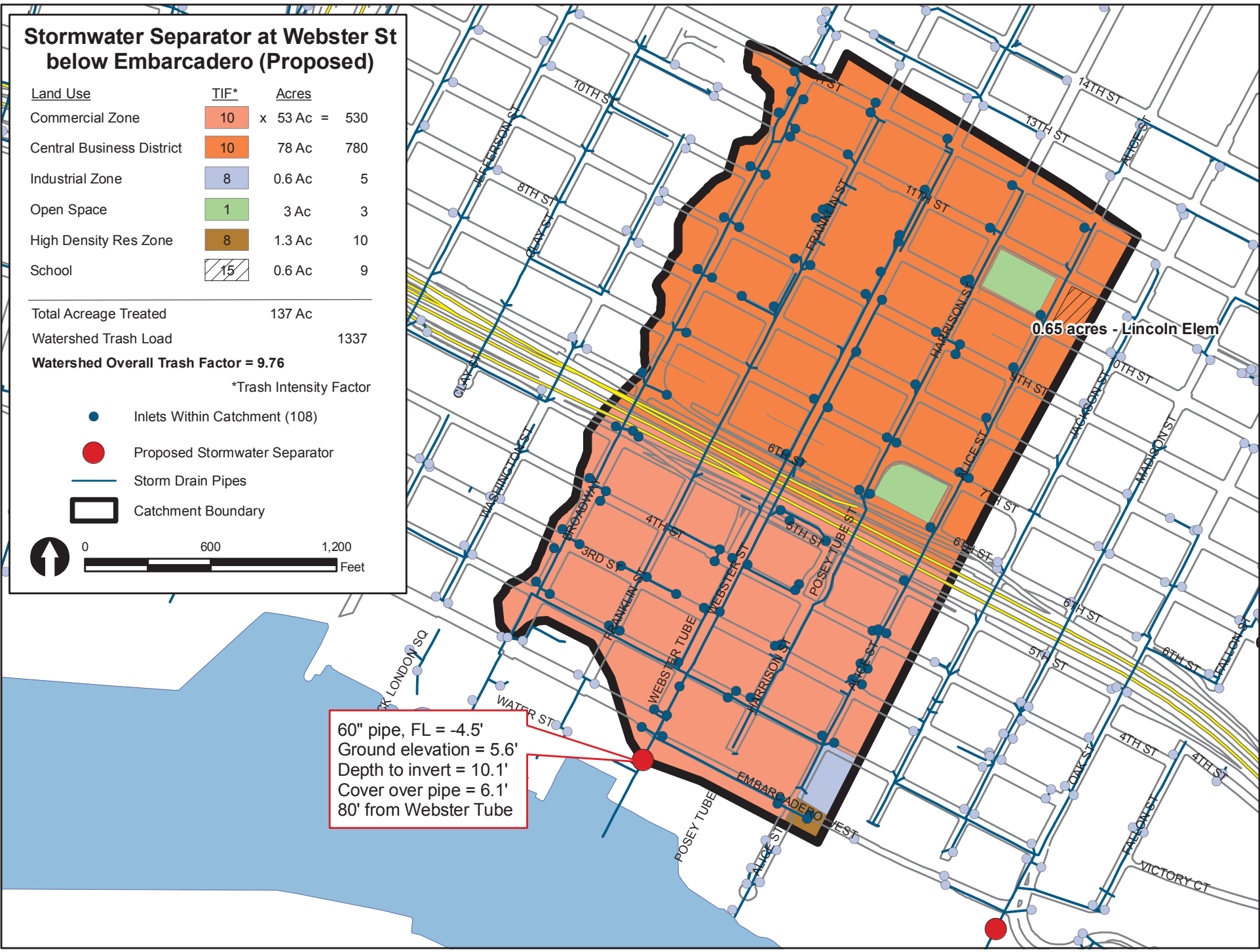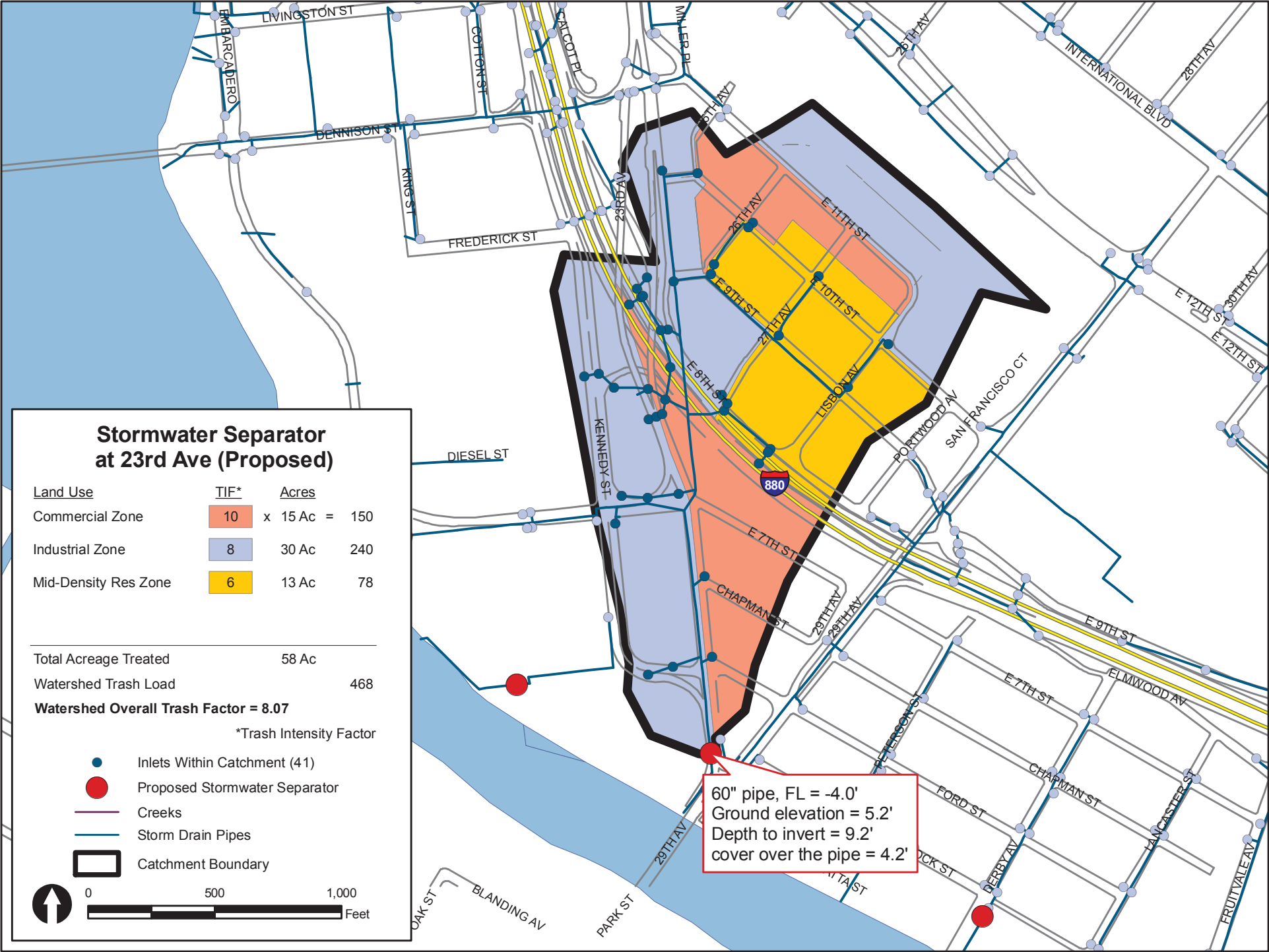
**Stormwater Separator
at 23rd Ave (Proposed)**

| Land Use | TIF* | | Acres | |
|---|---|---|---|---|
| Commercial Zone | 10 | x | 15 Ac = | 150 |
| Industrial Zone | 8 | | 30 Ac | 240 |
| Mid-Density Res Zone | 6 | | 13 Ac | 78 |

| | |
|---|---|
| Total Acreage Treated | 58 Ac |
| Watershed Trash Load | 468 |
| **Watershed Overall Trash Factor = 8.07** | |

*Trash Intensity Factor

- Inlets Within Catchment (41)
- Proposed Stormwater Separator
- Creeks
- Storm Drain Pipes
- Catchment Boundary

0      500      1,000
Feet
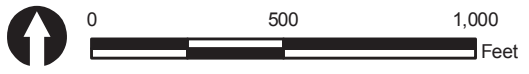
60" pipe, FL = -4.0'
Ground elevation = 5.2'
Depth to invert = 9.2'
cover over the pipe = 4.2'

## Stormwater Separator at Alameda Ave (Proposed)

| Land Use | TIF* | | Acres | | |
|----------|------|---|-------|---|------|
| Commercial Zone | 10 | x | 60 Ac | = | 600 |
| Transit-Oriented Zone | 10 | | 15 Ac | | 150 |
| Industrial Zone | 8 | | 60 Ac | | 480 |
| Low Density Res Zone | 4 | | 13 Ac | | 52 |

| | |
|---|---|
| Total Acreage Treated | 148 Ac |
| Watershed Trash Load | 1282 |

**Watershed Overall Trash Factor = 8.66**

*Trash Intensity Factor

● Inlets Within Catchment (117)

## Stormwater Separator at 42nd Ave and High St (Proposed)

| Land Use | TIF* | Acres | |
|----------|------|-------|------|
| Industrial Zone | 8 | 35 Ac | 280 |

| | |
|---|---|
| Total Acreage Treated | 35 Ac |
| Watershed Trash Load | 280 |

**Watershed Overall Trash Factor = 8**

● Inlets Within Catchment (13)
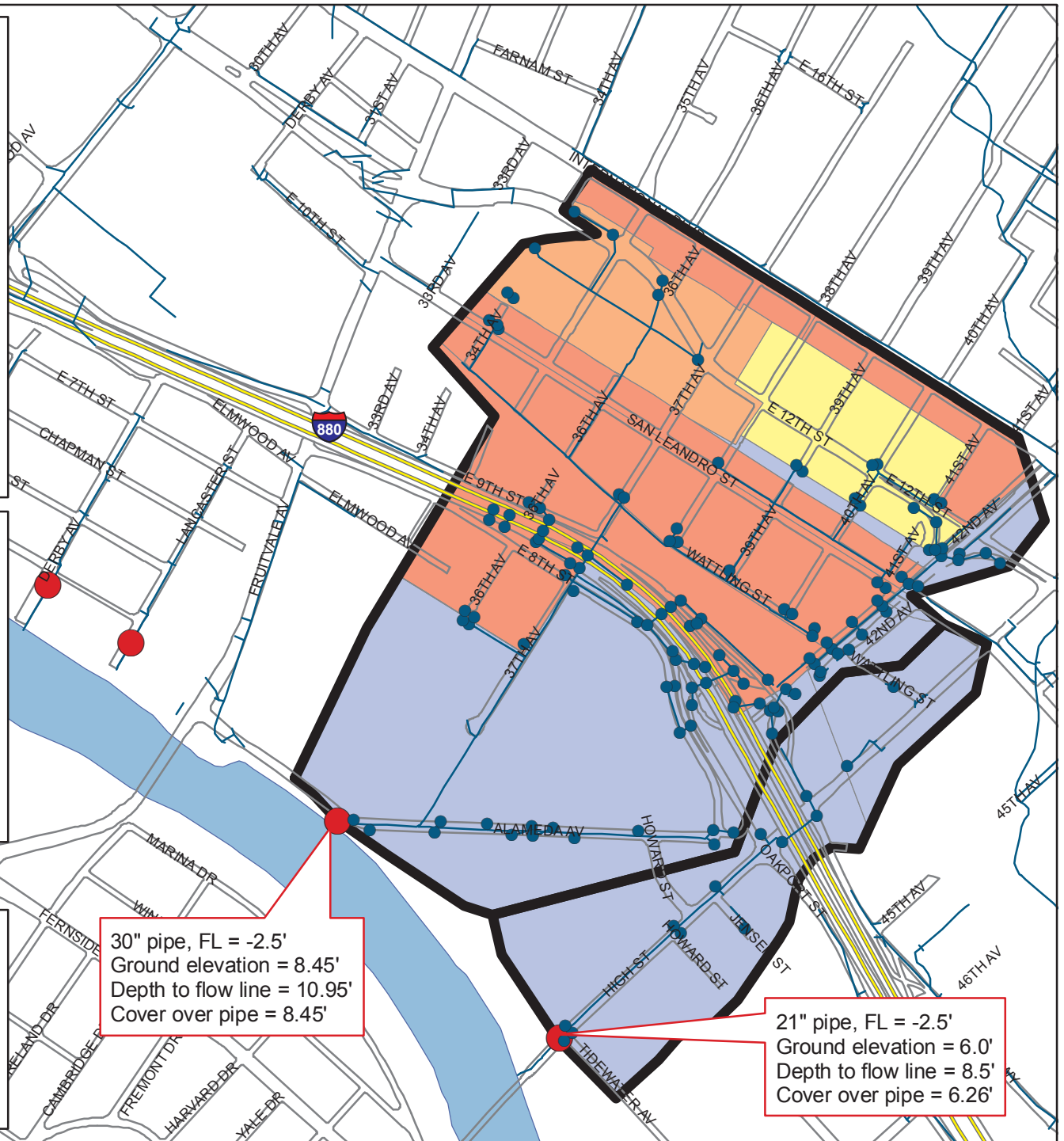
● Proposed Stormwater Separator

—— Storm Drain Pipes

▭ Catchment Boundary

0     700     1,400 Feet

30" pipe, FL = -2.5'
Ground elevation = 8.45'
Depth to flow line = 10.95'
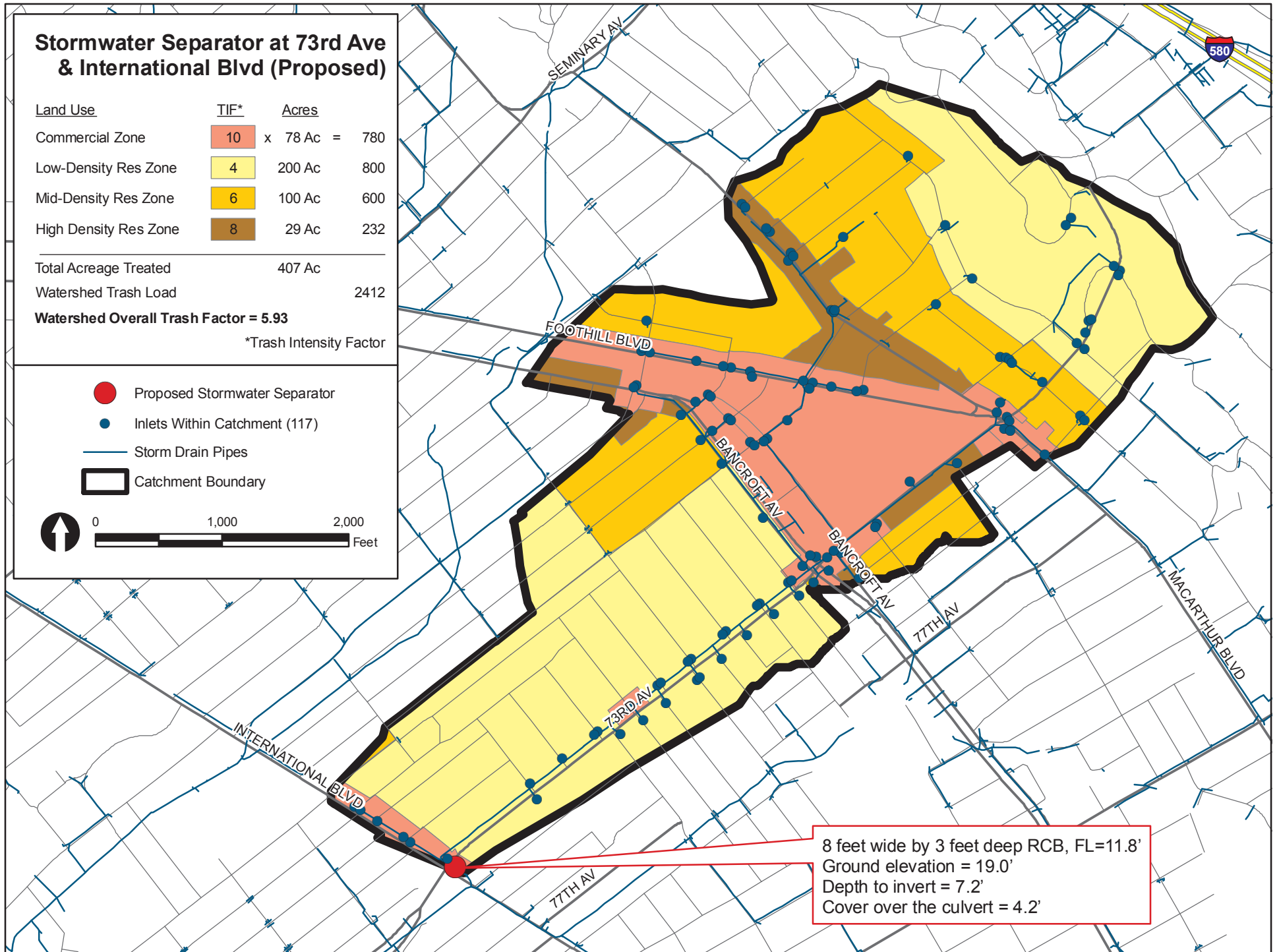Cover over pipe = 8.45'

21" pipe, FL = -2.5'
Ground elevation = 6.0'
Depth to flow line = 8.5'
Cover over pipe = 6.26'

**Stormwater Separator at 73rd Ave & International Blvd (Proposed)**

| Land Use | TIF* | | Acres | | |
|---|---|---|---|---|---|
| Commercial Zone | 10 | x | 78 Ac | = | 780 |
| Low-Density Res Zone | 4 | | 200 Ac | | 800 |
| Mid-Density Res Zone | 6 | | 100 Ac | | 600 |
| High Density Res Zone | 8 | | 29 Ac | | 232 |

| | | |
|---|---|---|
| Total Acreage Treated | | 407 Ac |
| Watershed Trash Load | | 2412 |

**Watershed Overall Trash Factor = 5.93**

*Trash Intensity Factor

- 🔴 Proposed Stormwater Separator
- 🔵 Inlets Within Catchment (117)
- ── Storm Drain Pipes
- ▭ Catchment Boundary

0    1,000    2,000 Feet

SEMINARY AV

FOOTHILL BLVD

BANCROFT AV

BANCROFT AV

MACARTHUR BLVD

77TH AV

73RD AV

INTERNATIONAL BLVD

77TH AV

8 feet wide by 3 feet deep RCB, FL=11.8'
Ground elevation = 19.0'
Depth to invert = 7.2'
Cover over the culvert = 4.2'

**Stormwater Separator on 87th Ave above E St  (Proposed)**

| Land Use | TIF* | Acres | |
|---|---|---|---|
| Commercial Zone | 10 | x 13.6 Ac = | 136 |
| Low-Density Res Zone | 4 | 121 Ac | 484 |
| Mid-Density Res Zone | 6 | 50.7 Ac | 304.2 |
| Open Space | 1 | 0.3 Ac | 0.3 |
| High Density Res Zone | 8 | 0 Ac | 0 |
| School | 15 | 0 Ac | 0 |

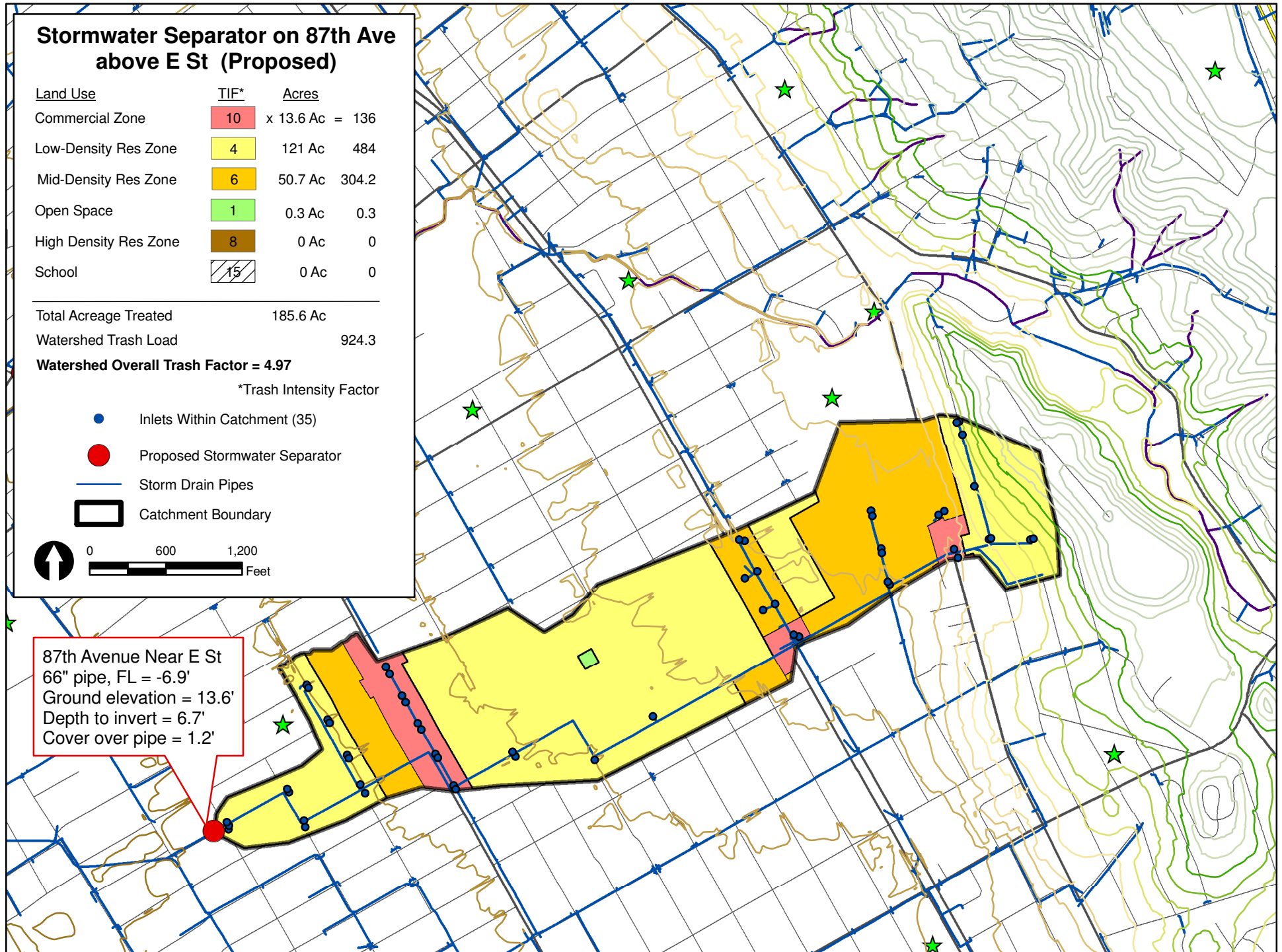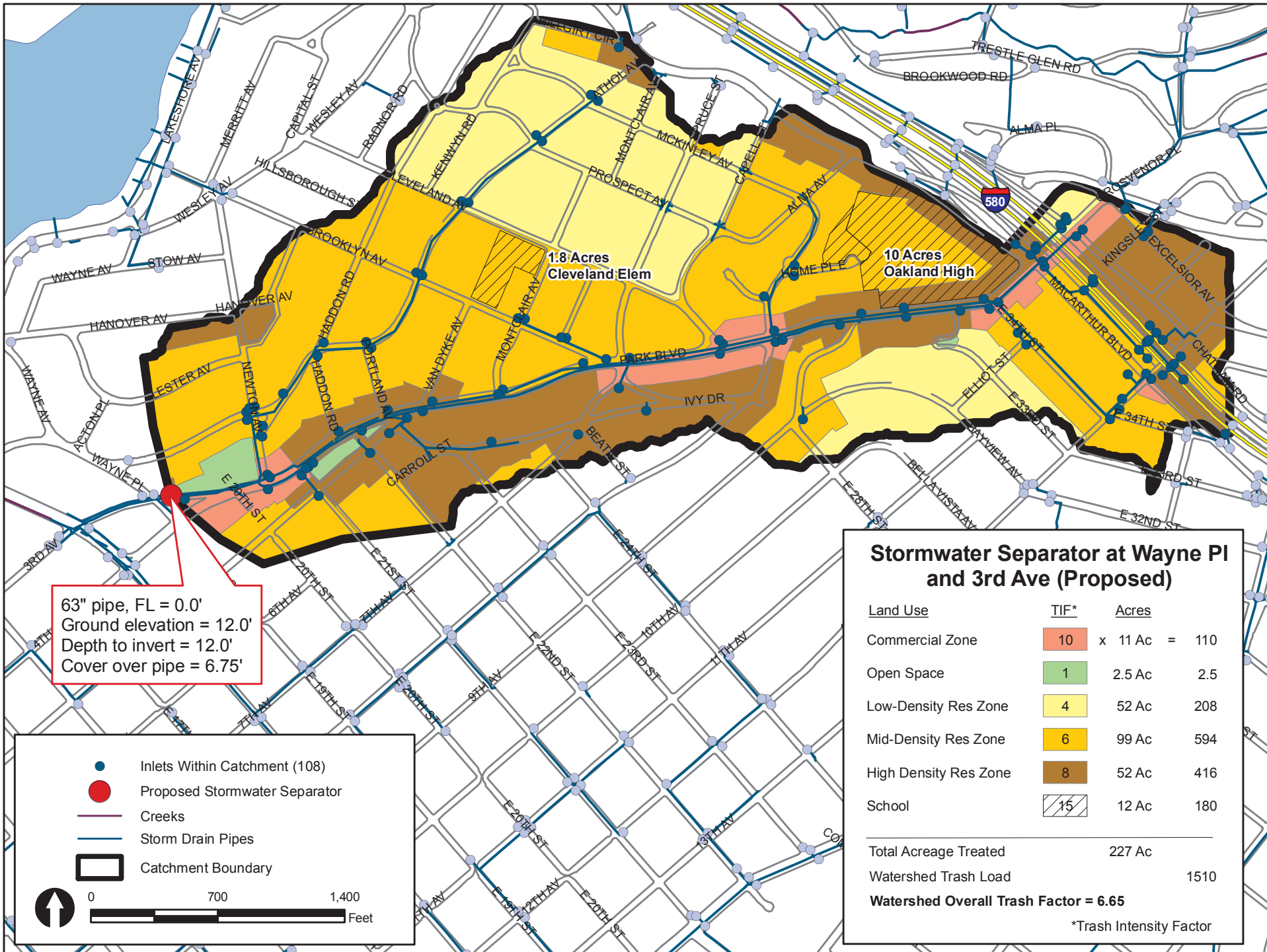| | |
|---|---|
| Total Acreage Treated | 185.6 Ac |
| Watershed Trash Load | 924.3 |
| **Watershed Overall Trash Factor = 4.97** | |

*Trash Intensity Factor

● Inlets Within Catchment (35)

● Proposed Stormwater Separator

— Storm Drain Pipes

▭ Catchment Boundary

0    600    1,200
Feet
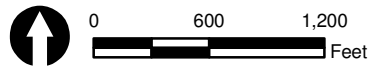
87th Avenue Near E St
66" pipe, FL = -6.9'
Ground elevation = 13.6'
Depth to invert = 6.7'
Cover over pipe = 1.2'

**63" pipe, FL = 0.0'**
**Ground elevation = 12.0'**
**Depth to invert = 12.0'**
**Cover over pipe = 6.75'**

1.8 Acres
Cleveland Elem

10 Acres
Oakland High

## Stormwater Separator at Wayne Pl and 3rd Ave (Proposed)

| Land Use | TIF* | | Acres | | |
|---|---|---|---|---|---|
| Commercial Zone | 10 | x | 11 Ac | = | 110 |
| Open Space | 1 | | 2.5 Ac | | 2.5 |
| Low-Density Res Zone | 4 | | 52 Ac | | 208 |
| Mid-Density Res Zone | 6 | | 99 Ac | | 594 |
| High Density Res Zone | 8 | | 52 Ac | | 416 |
| School | 15 | | 12 Ac | | 180 |

| | |
|---|---|
| Total Acreage Treated | 227 Ac |
| Watershed Trash Load | 1510 |
| **Watershed Overall Trash Factor = 6.65** | |

*Trash Intensity Factor

### Legend

- Inlets Within Catchment (108)
- Proposed Stormwater Separator
- Creeks
- Storm Drain Pipes
- Catchment Boundary

0    700    1,400
Feet