

# City of Chattanooga

## Local Project Examples



# *Local Project Examples*

- **Commercial**
- **Residential**
- **Public**
- **Public/Private  
Partnership**

# *Local Project Examples*

- **Commercial**



IN THE  
COMBINED  
SEWER AREA

USED PARKING  
LOT AS  
STORMWATER  
DETENTION

# *Local Project Examples*



# *Local Project Examples*

- **Commercial**



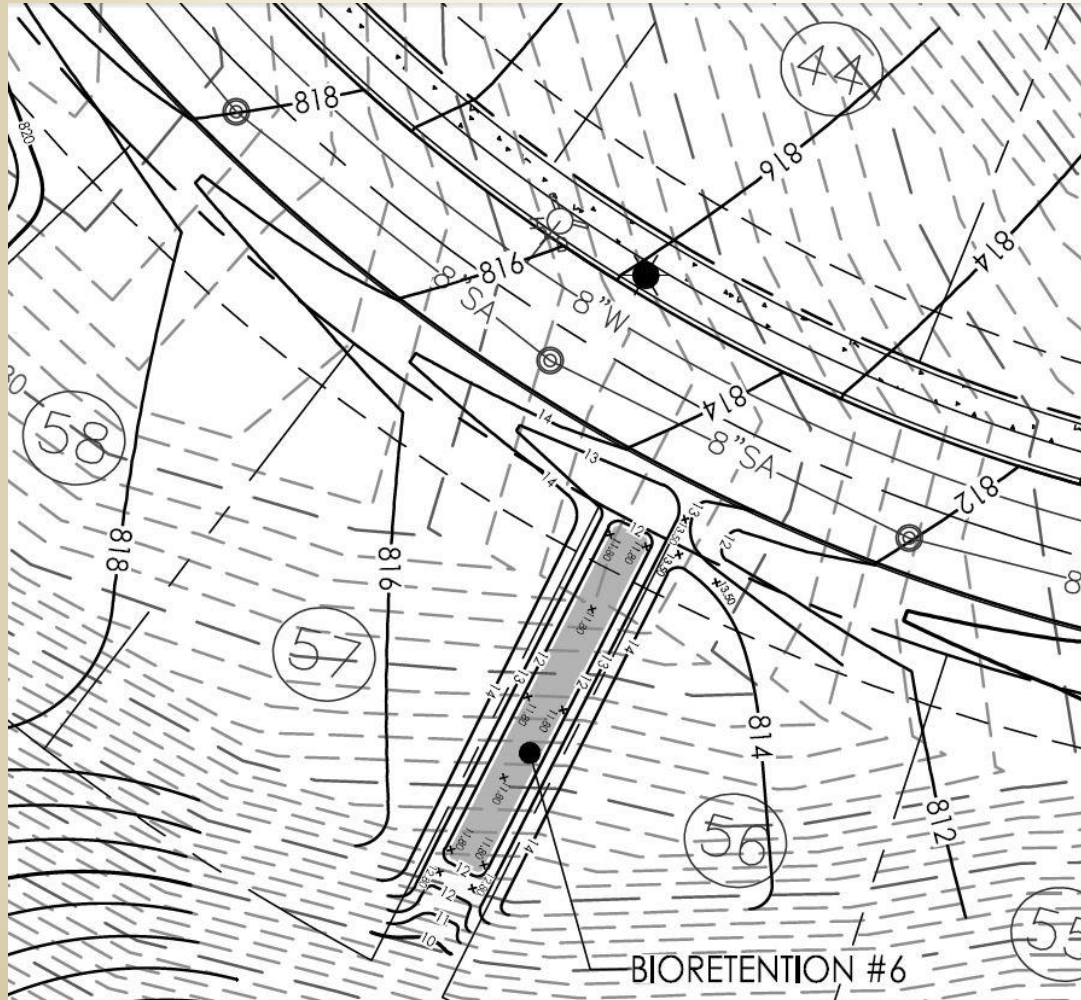
Crash Pad Green  
Roof

Pervious Asphalt  
(Astec)

Bioretention in  
various areas

# *Local Project Examples*

- Residential**



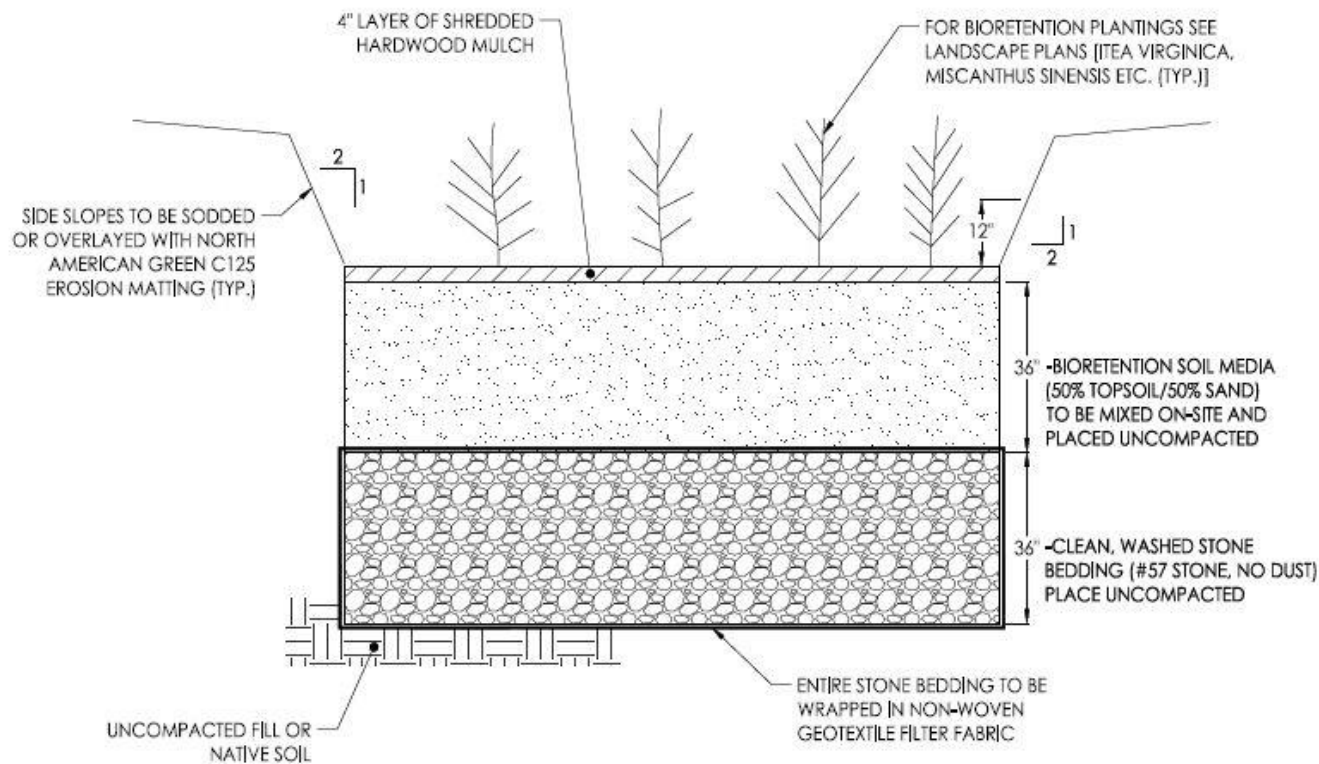
700'+ Cul de Sac

No curb inlets

Swales in R/W

Bioretention on  
Community Lots

# Local Project Examples

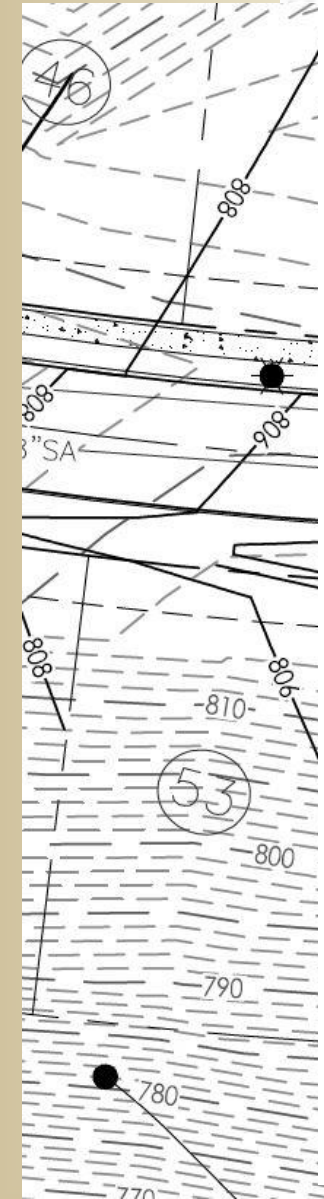


**NOTES:**

1. RUNOFF ENTERS THE BIORETENTION AREA VIA SURFACE SHEET FLOW OR VIA PIPED FLOW. SEE INDIVIDUAL BIORETENTION AREA DETAILS FOR SURFACE ARMORING AT PIPED ENTRANCE LOCATIONS.
2. BIORETENTION SOIL MEDIA AND STONE MUST NOT BE PLACED WHEN WET OR DURING WET WEATHER
3. BIORETENTION SOIL MEDIA, STONE, MULCH, AND PLANTINGS SHOULD NOT BE INSTALLED UNTIL CONTRIBUTING BASIN CONSTRUCTION IS COMPLETE AND STABILIZED (INCLUDES INDIVIDUAL HOME/LOT CONSTRUCTION)
4. BIORETENTION BASINS TO BE USED AS SEDIMENT TRAPS UNTIL CONTRIBUTING AREA IS STABILIZED. SEE NOTE 3 FOR MEDIA INSTALLATION.
5. OVERALL DIMENSIONS VARY. SEE DETAILED PLAN VIEW

**BIORETENTION MEDIA DETAIL**

N.T.S.



# *Local Project Examples*

- **Public**

- **Bioretention (Renaissance Park )**
- **Green Roof (City Council, Outdoor Chattanooga)**
- **Pervious Pavement (DRC, Wellness Center)**



# *Local Project Examples*

- **Public/Private Partnership**
  - **2011-Baldwin Street (now called Passenger Street)**
  - **2013-Johnson Street**

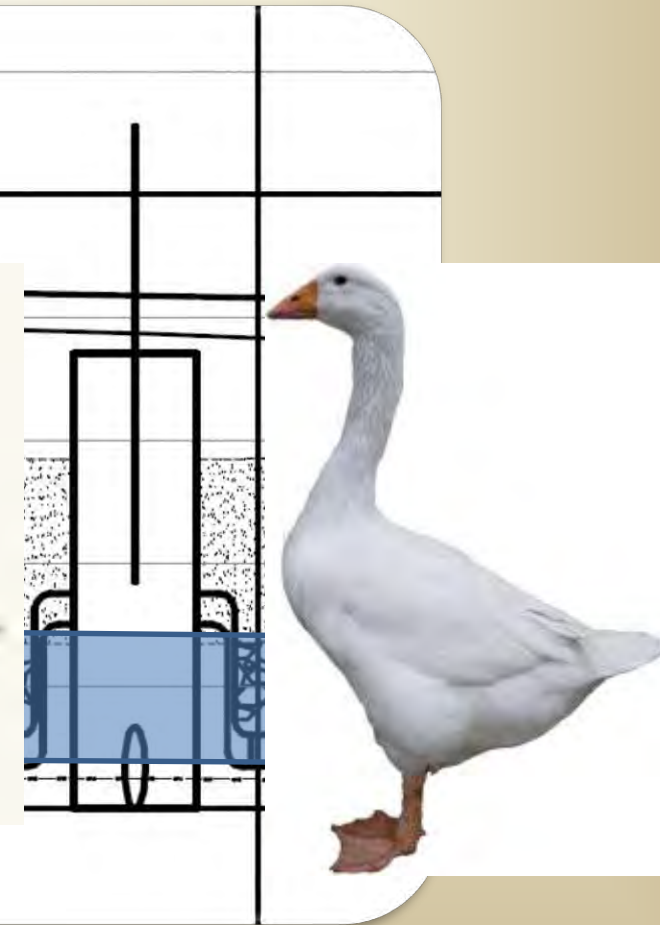
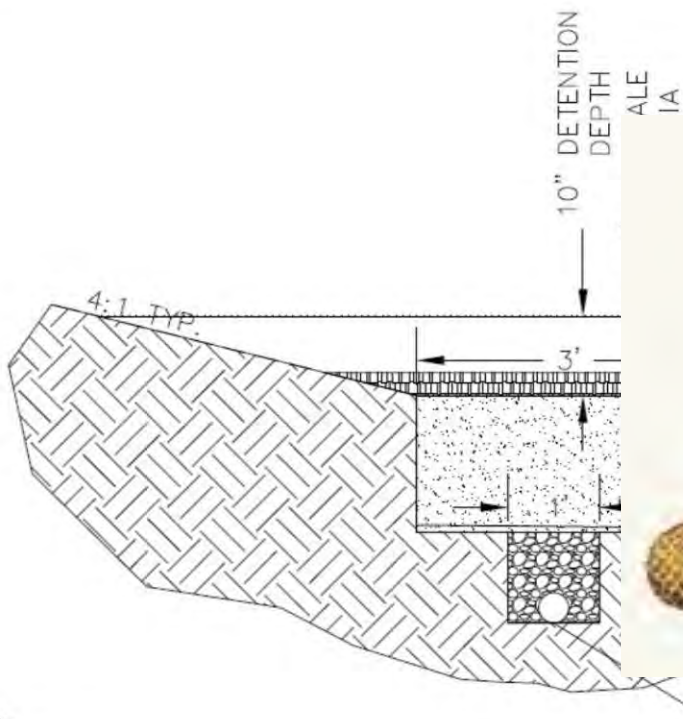
# Case Study

- **Passenger Street Project**
- Bioswale



# Case Study

- **Passenger Street Project**
- Bioswale



# Case Study

- **Johnson Street Project**

- Drainage area
- 1.65 acres
- Disturbed area
- 25,000 sq.ft. ±
- Pervious
- Pavement with
- subsurface
- detention



# Johnson Street

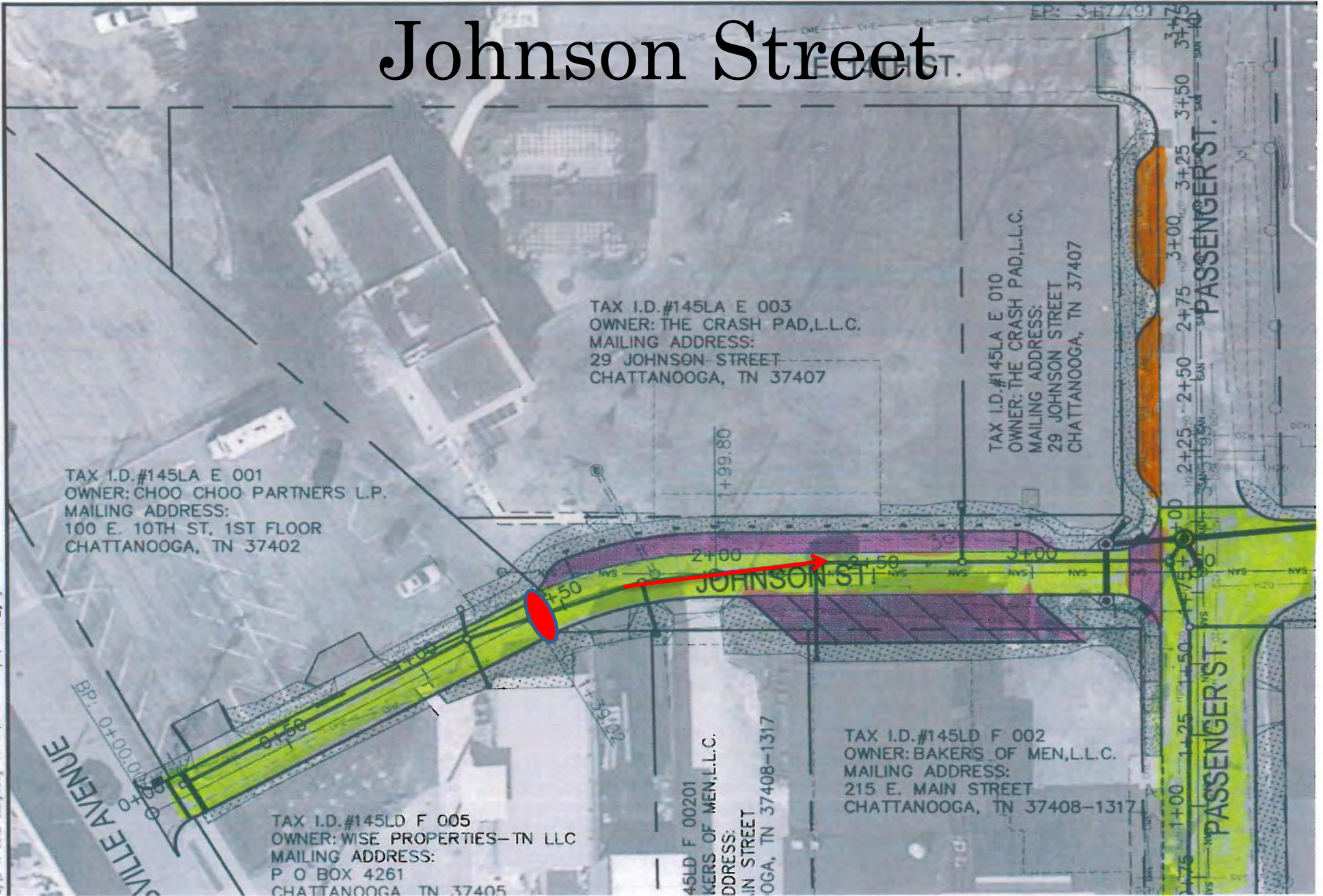


# Johnson Street



# Johnson Street

2)S-11-004B-design.dwg Jun 26, 2013 - 3:15pm, herold\_greg



TAX I.D.#145LA E 001  
OWNER: CHOO CHOO PARTNERS L.P.  
MAILING ADDRESS:  
100 E. 10TH ST, 1ST FLOOR  
CHATTANOOGA, TN 37402

TAX I.D.#145LA E 003  
OWNER: THE CRASH PAD,L.L.C.  
MAILING ADDRESS:  
29 JOHNSON STREET  
CHATTANOOGA, TN 37407

TAX I.D.#145LA E 010  
OWNER: THE CRASH PAD,L.L.C.  
MAILING ADDRESS:  
29 JOHNSON STREET  
CHATTANOOGA, TN 37407

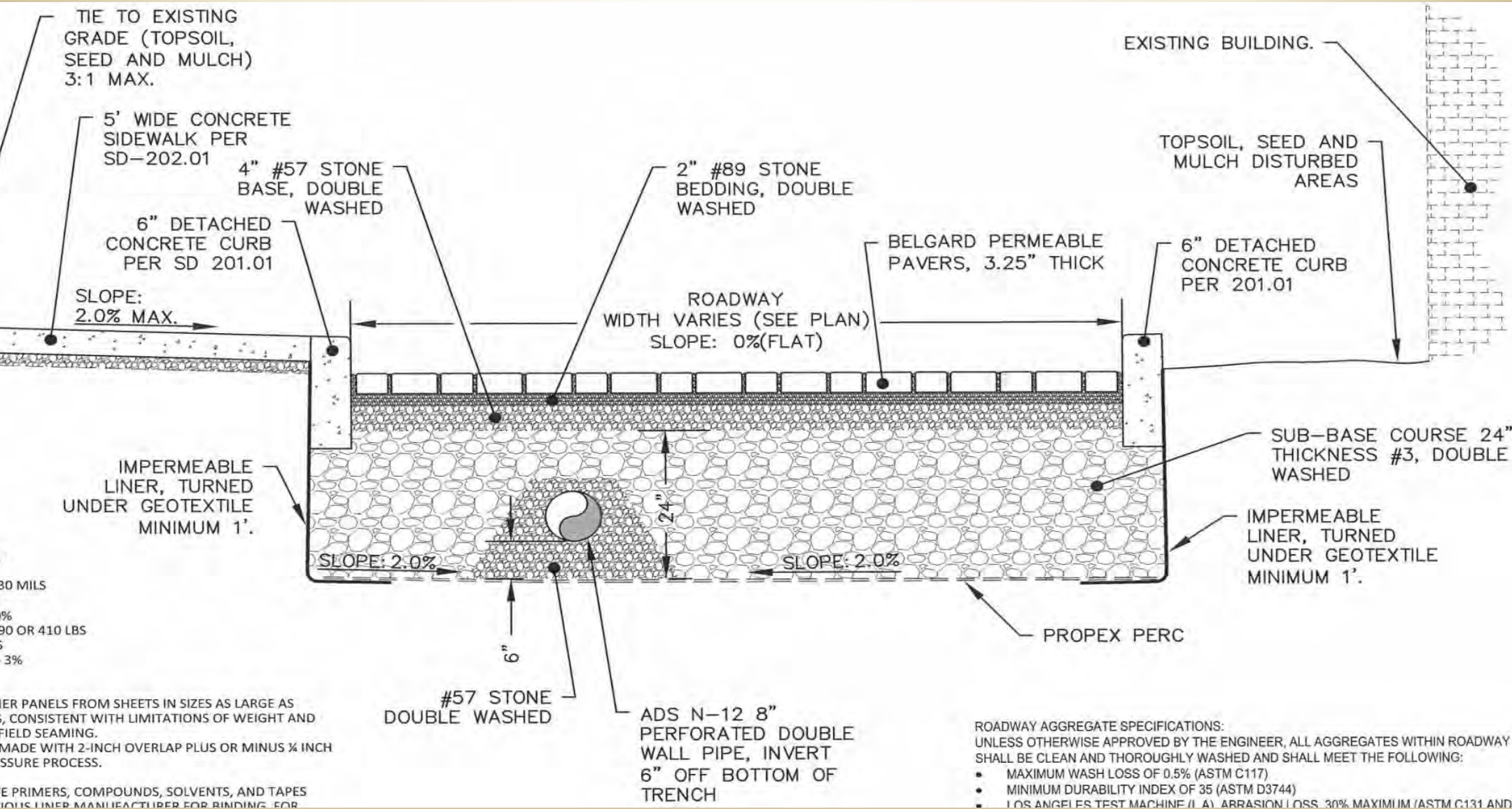
TAX I.D.#145LD F 005  
OWNER: WISE PROPERTIES-TN LLC  
MAILING ADDRESS:  
P O BOX 4261  
CHATTANOOGA, TN 37405

TAX I.D.#145LD F 002  
OWNER: BAKERS OF MEN,L.L.C.  
MAILING ADDRESS:  
215 E. MAIN STREET  
CHATTANOOGA, TN 37408-1317

TAX I.D.#145LD F 002  
OWNER: BAKERS OF MEN,L.L.C.  
MAILING ADDRESS:  
215 E. MAIN STREET  
CHATTANOOGA, TN 37408-1317

# Johnson Street

# Johnson Street





# Johnson Street



# Johnson Street



11/05/2013

# Johnson Street



*Ordinance*

**Questions?**

Thank You!