

**CITY OF KNOXVILLE
PUBLIC WORKS
PUBLIC SERVICE DEPARTMENT**

MPC – Downtown Knoxville Design Overlay District

Project: CBID Waste Collection Staging Site – State Street Garage
Contact: Jeff Gaylon, Public Building Authority
David Brace, Public Service Department

Background

The City of Knoxville provides waste collection services within the Central Business Improvement District (CBID) through employees of the Public Service Department (PSD). Due to the intensity of uses within the CBID waste collection services run daily starting at approximately 3 p.m. and ending at 11 p.m. with crews clearing garbage from streets, alleys, on-street receptacles and large wheeled carts on two to three different “sweeps” throughout the district. As downtown has continued to grow and redevelop, the Public Service Department has attempted to meet growing demand for waste services in a way that limits any negative impacts on downtown residents, businesses and visitors.

Although waste collection within the CBID varies greatly, all attempts are made to store and collect waste in areas such as side streets, alleys and less traveled thoroughfares. Since removing all receptacles and bags from heavily traveled pedestrian areas is not always an option, the Public Service Department looks for solutions to stage and collect solid waste through a number of options. Over the past ten years, the concept of developing attractive and central “staging” areas where possible has been a good alternative. The first use of staging involved the alcoves built into the Market Square Garage. These alcoves allowed Public Service, in collaboration with Market Square stakeholders, to relocate waste receptacles from the entrances of most buildings to the alley alcove areas for collection. Doing so improved the appearance of Market Square and the health issues related to food waste during warm spring and summer months.

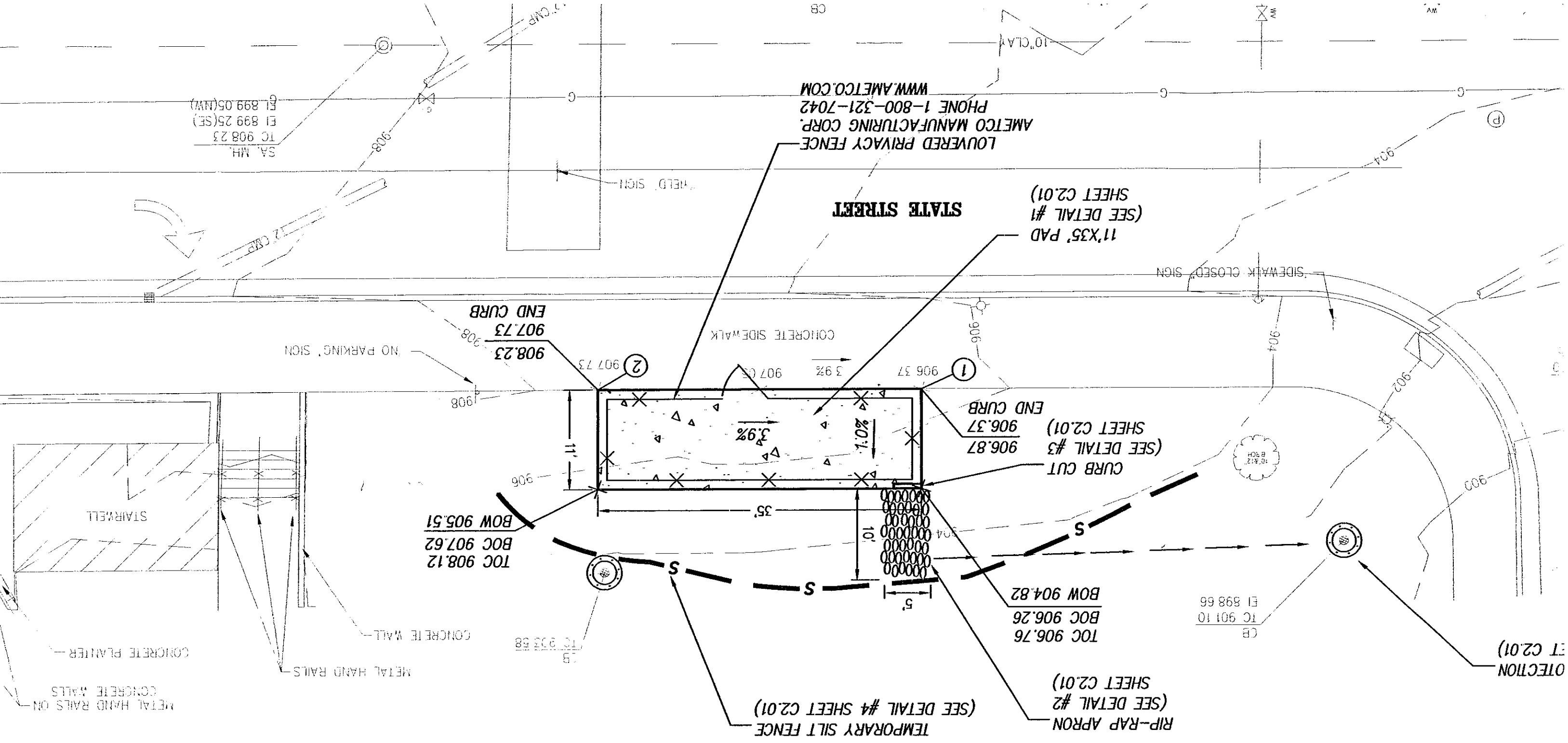
State Street Staging Site

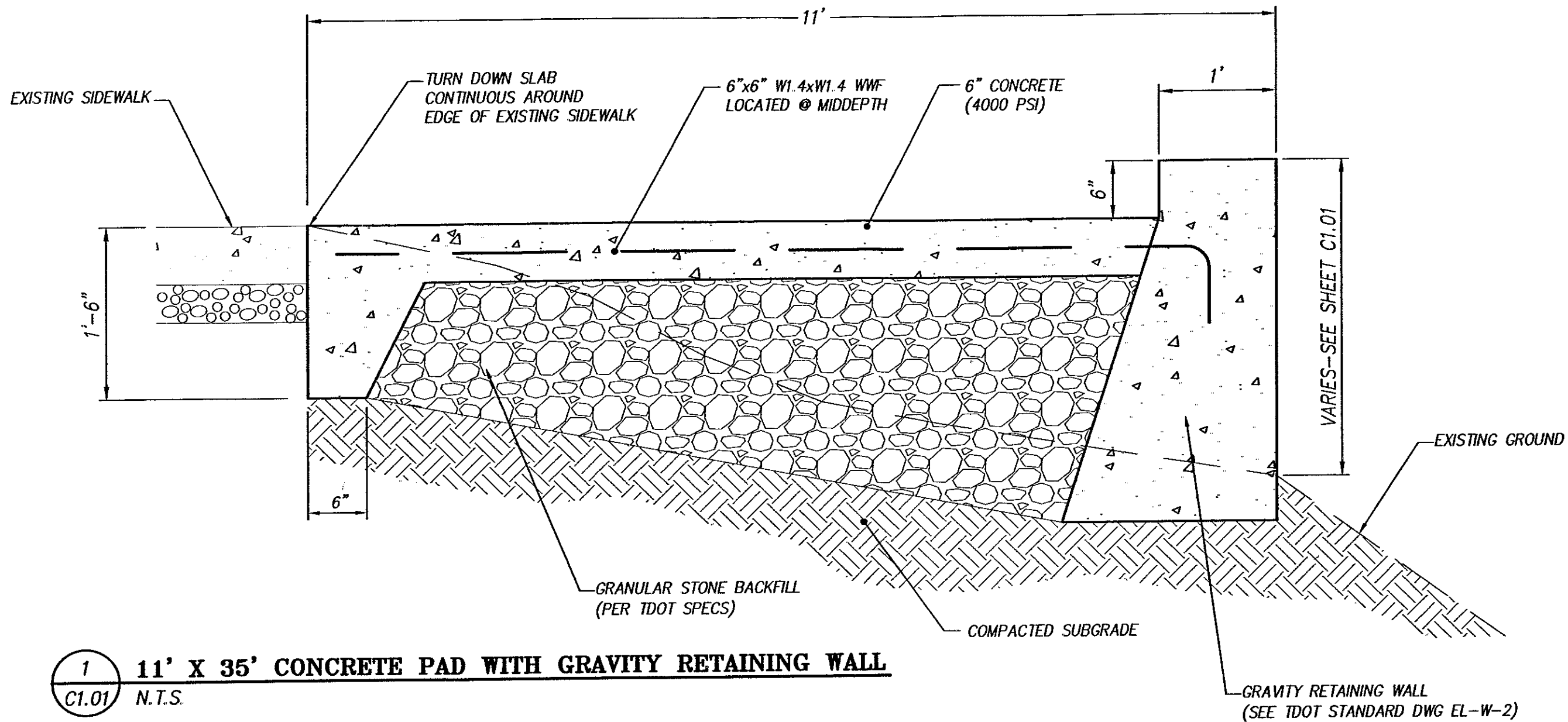
As the build out of the Regal Cinema site has continued, the increased production of solid waste has caused some conflicts with adjacent property owners. In order to properly stage and collect solid waste related to the businesses along the 500 block of Gay Street and specifically Nama who has very limited space for storing waste, the Public Service Department is recommending the installation of a screened waste collection staging area on approximately the northwest corner of the State Street Garage property. This area will be comprised of a concrete pad and metal, louver style screening shields that are black in color. The site will accommodate approximately 15-20 95 gallon wheeled carts for garbage and starting in October, recycling. This site will have a drain that allows cleaning of the pad and is in a good location for collection.

In addition to this site, the Public Service Department is proposing implementing a similar design (pad and screening) in two other locations. One is the current receptacle staging area in the 200 block of Gay Street that services nearly all 100-block customers. The second is a current staging area on Willow Avenue near Central that services much of the Old City. Although each site is unique the concept of removing receptacles from sidewalks and major pedestrian corridors and into staging areas where appropriate and convenient for users is a goal for our department.

COORDINATE TABLE			
POINT NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
2	600725.8467	2585120.6923	BLDG. CORNER
1	600756.9744	2585104.6901	BLDG. CORNER

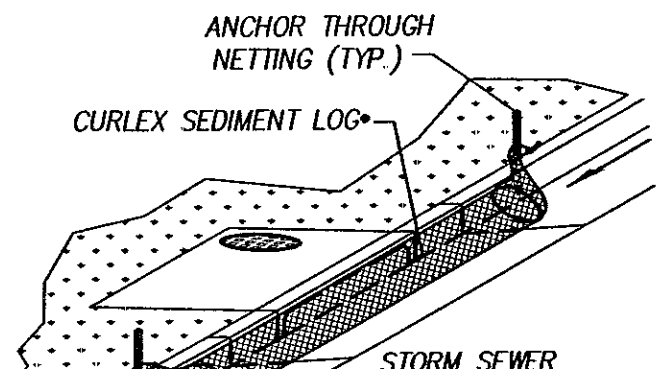
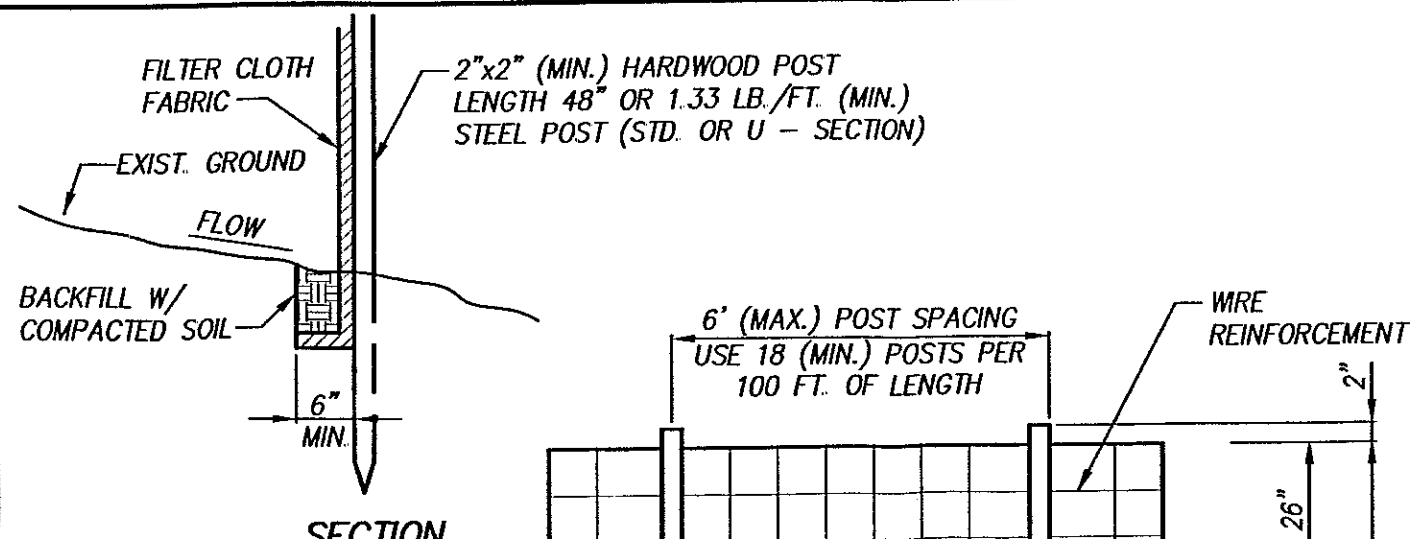
HORIZONTAL CONTROL POINTS TABLE			
POINT NO.	COORDINATES		DESCRIPTION
	NORTHING	EASTING	
2	600639.8289	2585141.6626	
1	600463.4761	2585233.5808	



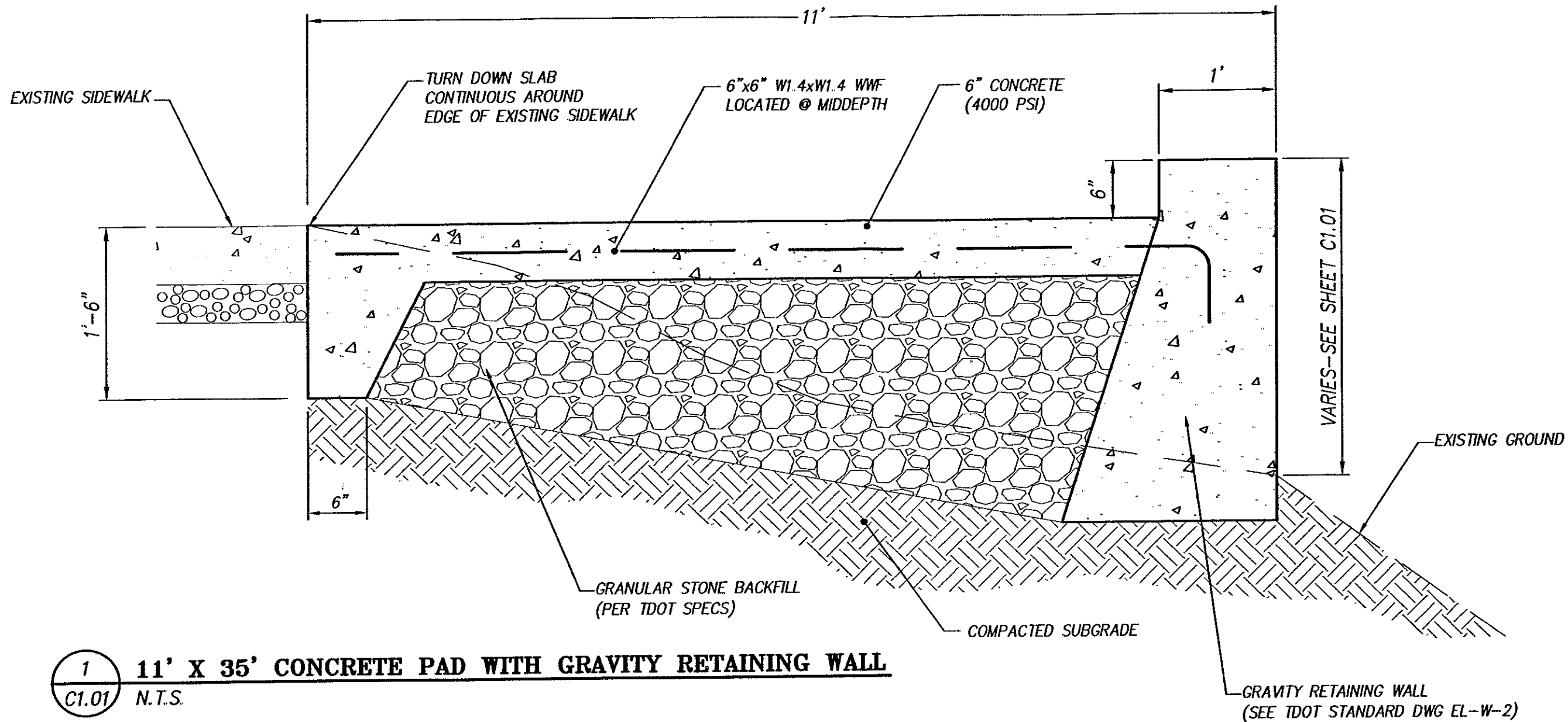


1 11' X 35' CONCRETE PAD WITH GRAVITY RETAINING WALL
 C1.01 N.T.S.

- NOTES:**
1. GEOTEX 861 AS MAN GEOSOLUTIONS OR A
 2. RIP-RAP SHALL BE SELECTION TO BE A AND OWNER.
 3. ALL ROCK SHALL BE IN A MANNER TO MI

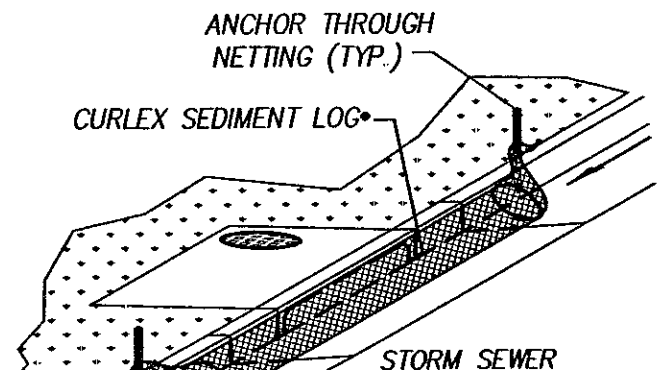
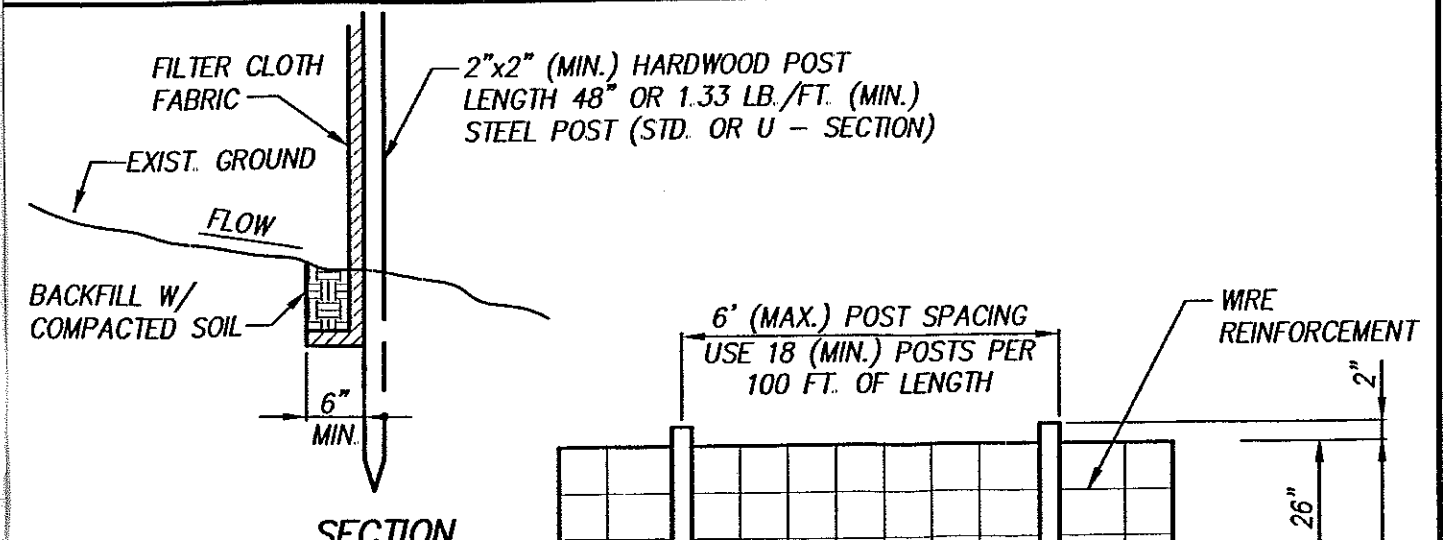


	TYPE I	TYPE II	TYPE III	TYPE IV
NORMAL DIAMETER	50 CM (20 IN)	30 CM (12 IN)	23 CM (9 IN)	15 CM (6 IN)
LENGTH	3.05 M (10 FT.)	3.05 M (10 FT.)	7.62 M (25 FT.)	7.62 M (25 FT.)
WEIGHT (±10%)	13.62 KG (30 LB)	9.08 KG (20 LB)	11.35 KG (25 LB)	5.45 KG (12 LB)
NET OPENING	2.5 CM	2.5 CM	1.9 CM	1.3 CM



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