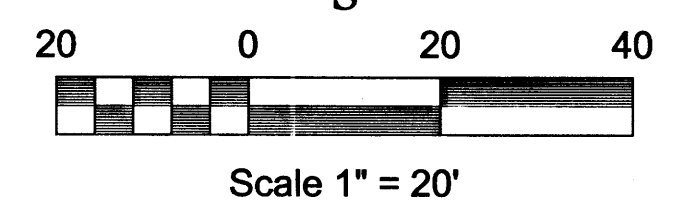
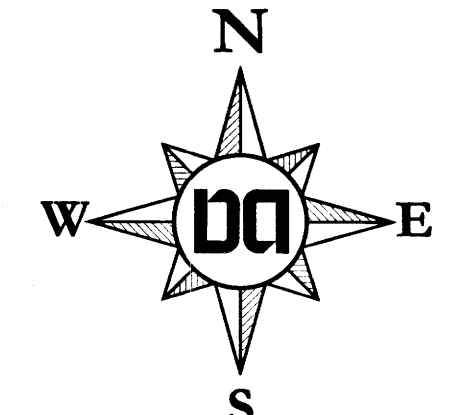


Drawing Date:
February 17, 2017

Revisions:
Initial Review 4/7/17



Public Works Notes

- All work within the public right of way requires an excavation permit from the department of public works.
- Proof-rolling of all street subgrades is required in the presence of the public works inspector. Inspection of the binder course is required prior to final paving in the presence of the public works inspector. These requests are to be made 24 hours in advance.
- Stop signs are to be 30 inch by 30 inch.
- Street signs to have six inch white letters on a nine inch green aluminum blade, high intensity reflective.
- All pavement marking are to be thermoplastic.

Water and Sewer Notes

- All water and sewer construction shall be in accordance with specifications and standard details of the Metro Water Services.
- The contractor is responsible for reimbursing the metro water services the cost of inspection.
- The contractor is to provide and maintain the construction identification sign for private development approved.
- All connections to existing manholes shall be by coring and resilient connector method.
- Reduced pressure backflow prevention devices (rbp) or dual check valve will be required on all test and fill lines (jumper) needed for water main construction and must be approved by the metro water services.
- All water meters shall be a minimum of 24" not to exceed a maximum of 28" below finished grade.
- Pressure regulating devices will be required on the customer side of the meter when pressures exceed 100 psi.
- Pressure regulating devices will be required on the street side of the meter when pressures exceed 150 psi.
- After completion of the sanitary sewer, the developer is responsible for the televising of the lines prior to final acceptance. The videotaping must be coordinated with the Metro Water Services inspection section. All costs will be borne by the developer.
- Upon completion of construction of water and/or sewer, the engineer shall provide the Metro Water Services department with a complete set of as-built plans on moist erasable mylars in reverse and in digital (.dwg) format. Sewer plans shall be sealed by a licensed professional engineer or a registered land surveyor and shall include actual field angles between lines, all actual service lines and tee locations, the distance of the end of the service line to property corners and lines and/or station and offset from sewer centerline to end of service line, the depth to the top of the end of the service line, and shall reflect all alignment and grade changes. Water line plans shall be sealed by a licensed professional engineer or a registered land surveyor and shall include offset distance from the roadway centerline, or property line right of way, line depth, locations of hydrants, valves, reducers, tees and pressure reducing devices where applicable. All drawings must be completed and submitted prior to acceptance of the sewers or water mains into the public system and any connections being made.
- All water mains must be located within the paved area including all blow-off assemblies.

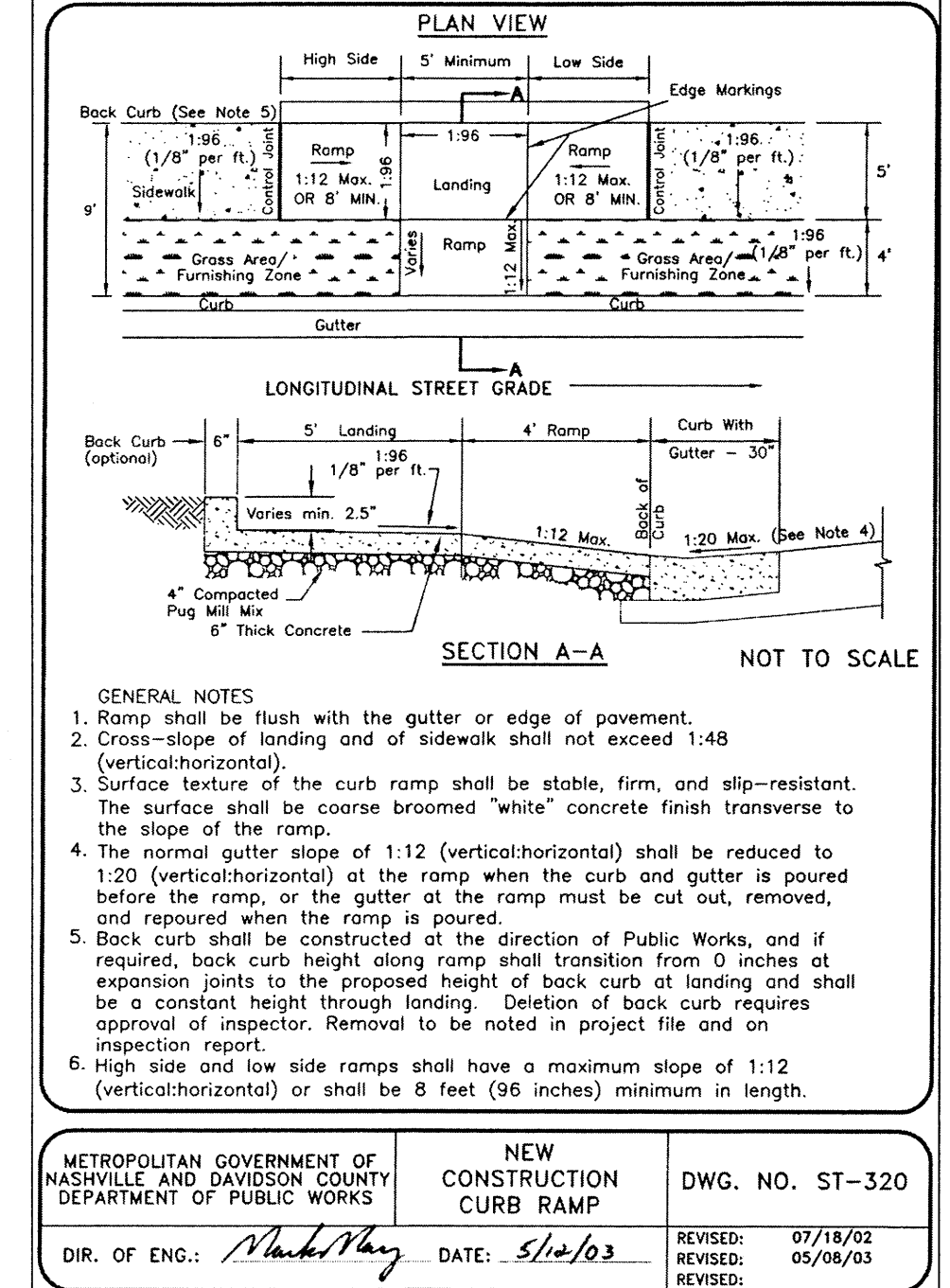
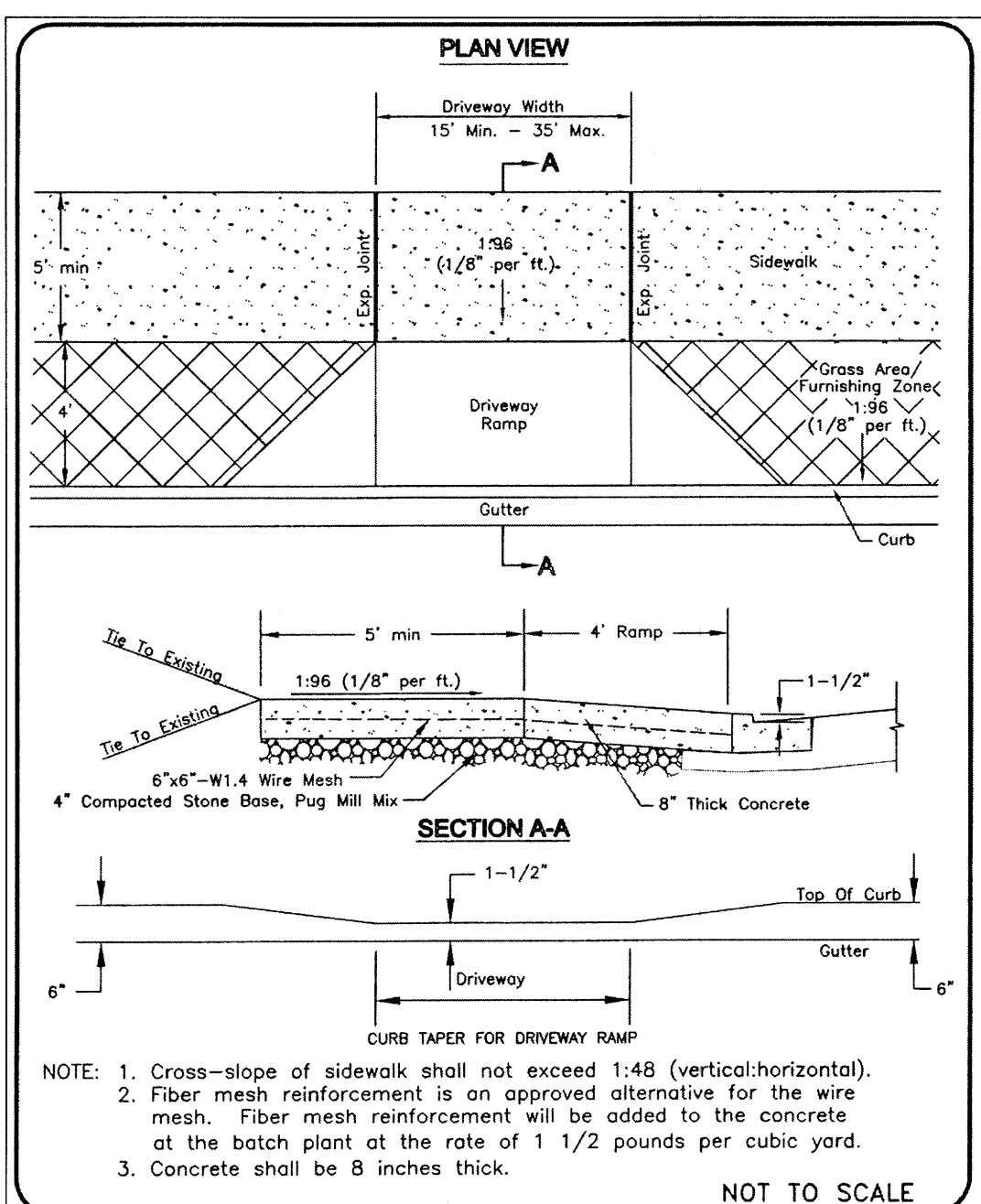
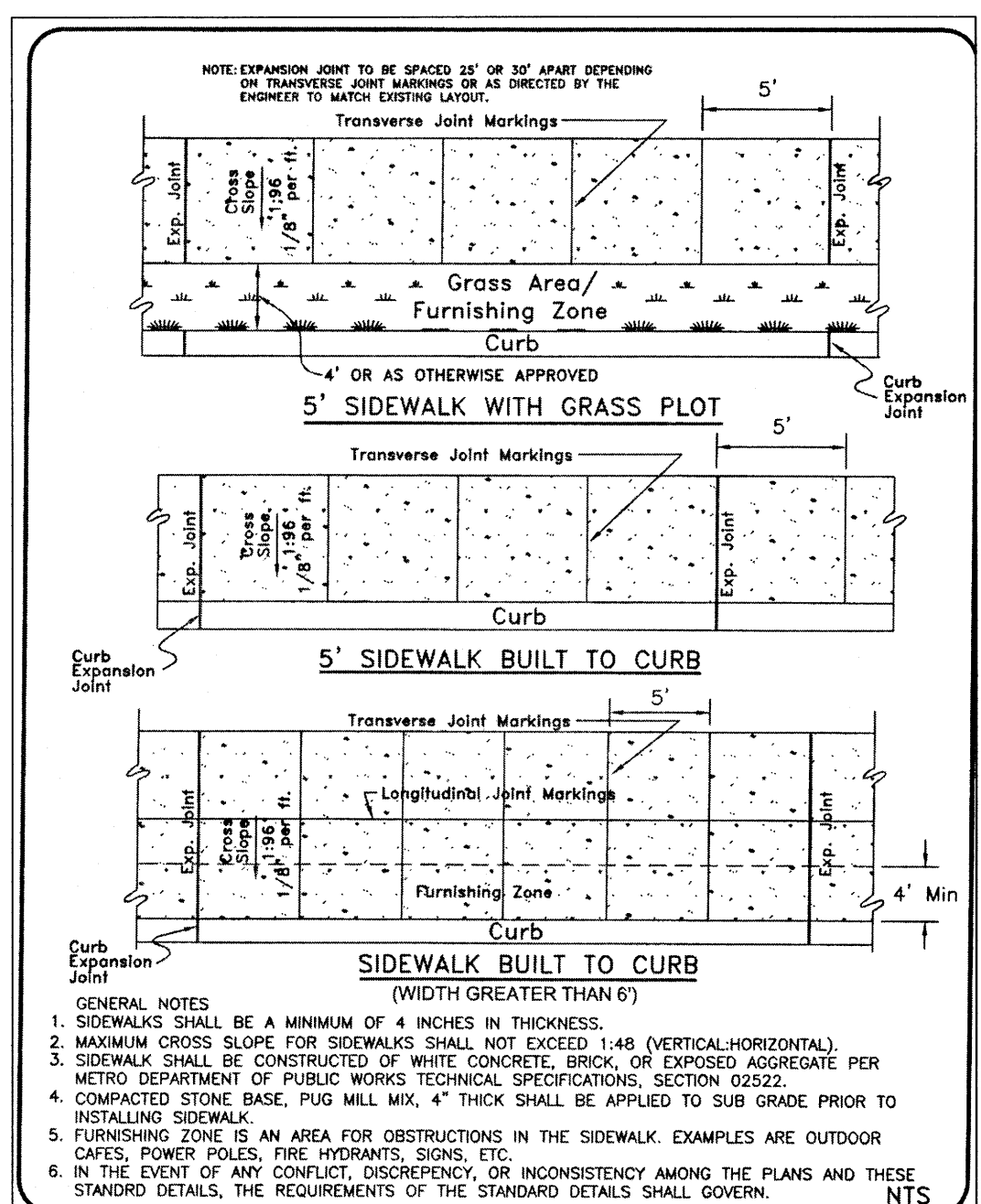
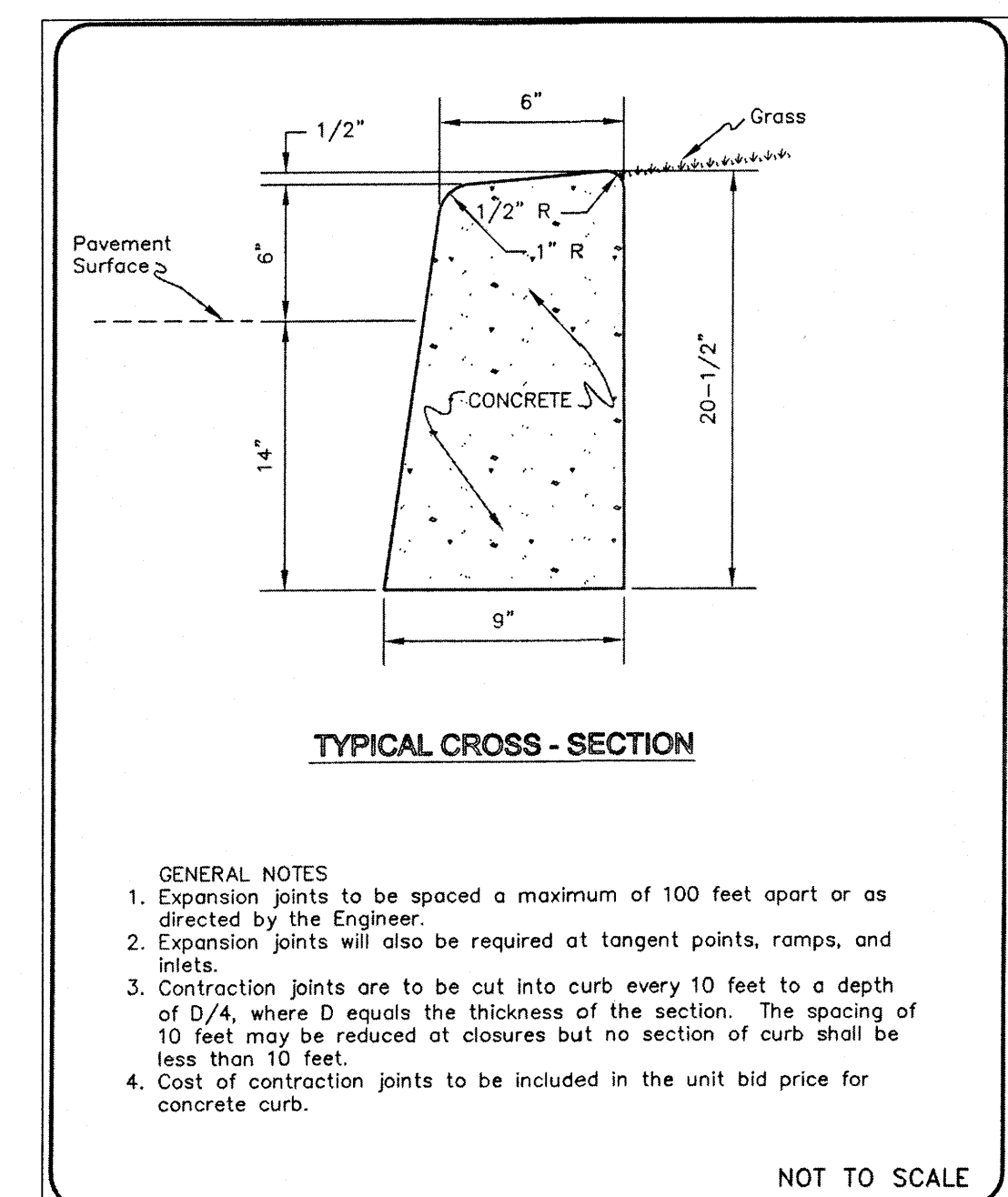
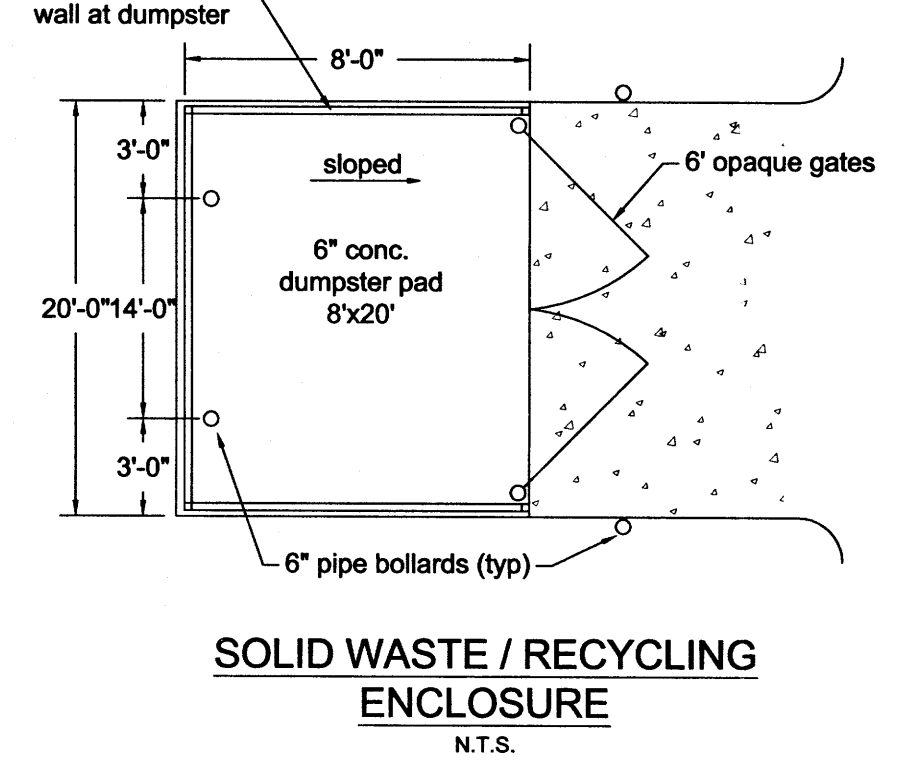
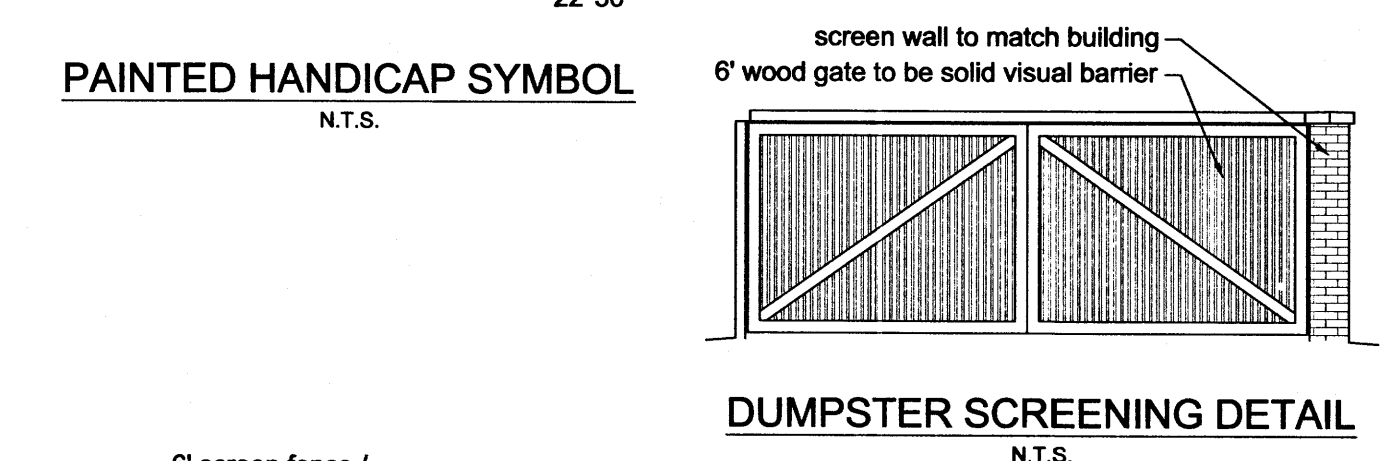
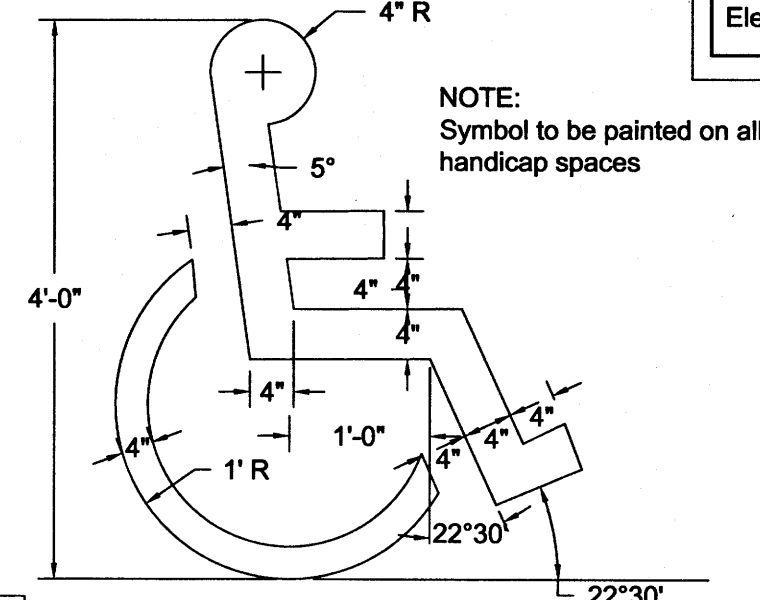
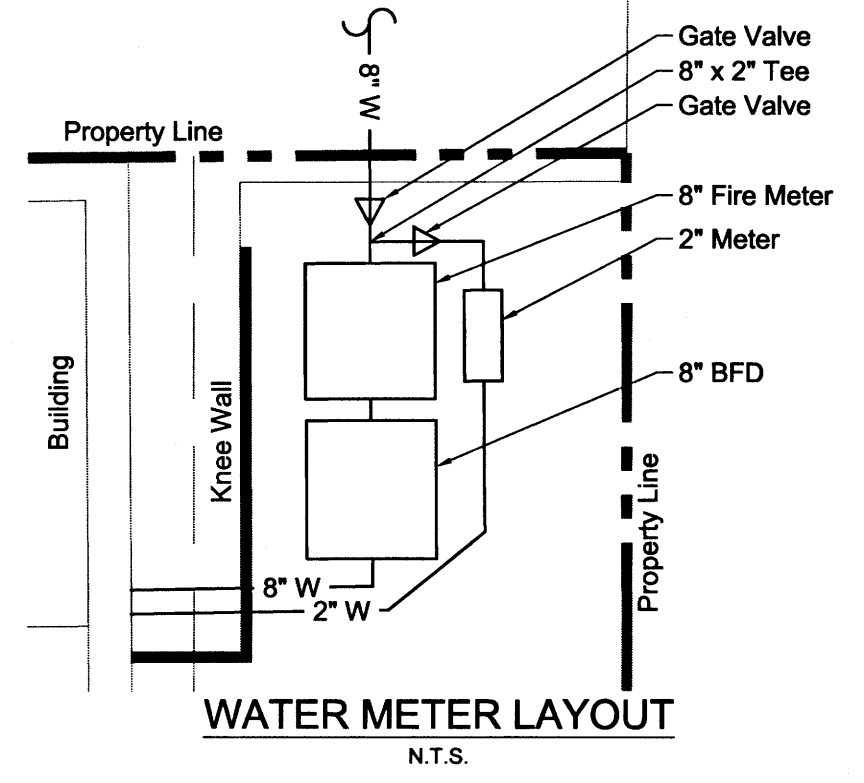
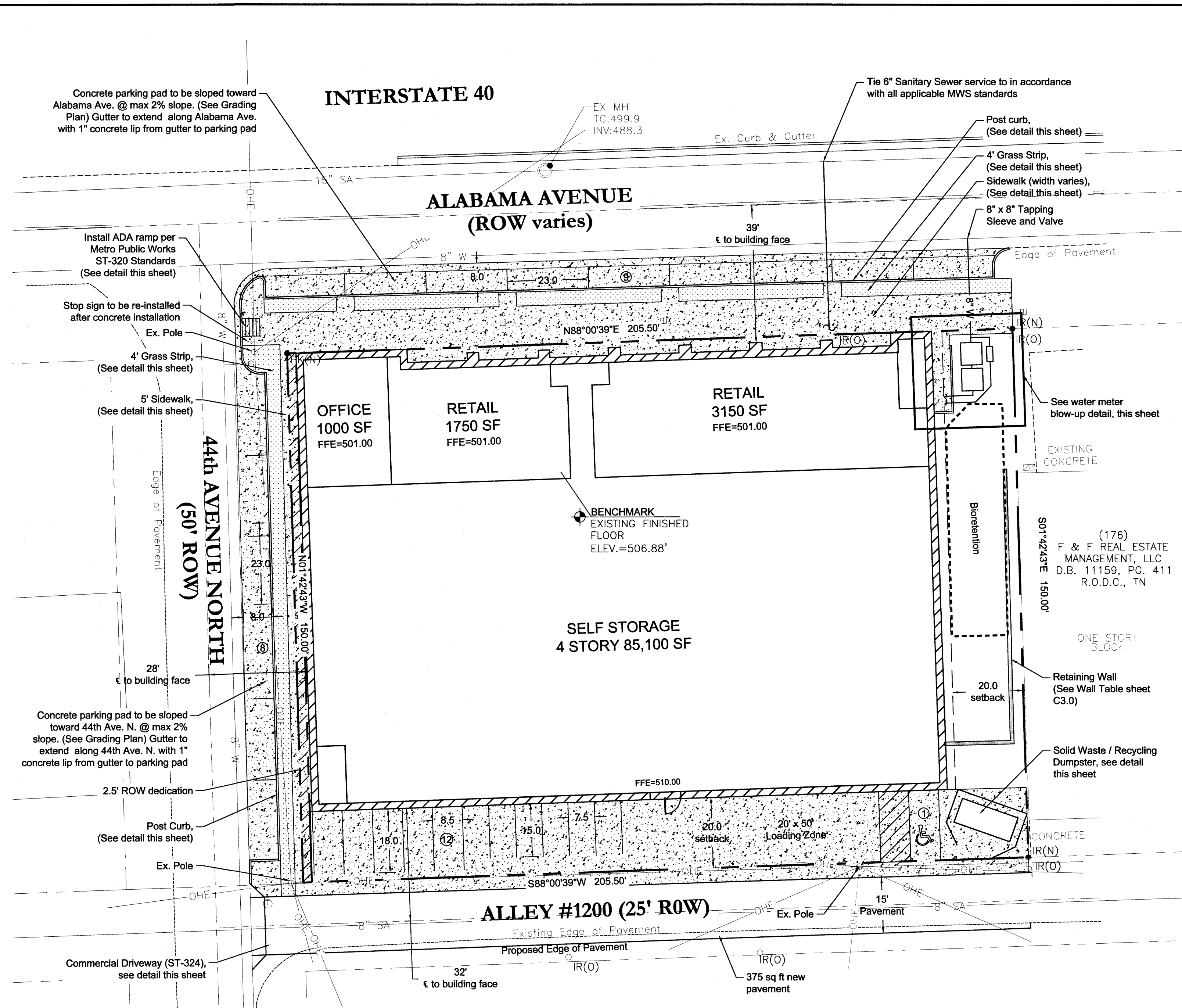
The final site plan/building permit site plan shall depict the required public sidewalk, any required grass strip or frontage zone and the location of all existing and proposed vertical obstructions within the required sidewalks and grass strip or frontage zone. Prior to the issuance of use and occupancy permits, existing vertical obstructions shall be relocated outside of the required sidewalks. Vertical obstructions are only permitted within the required grass strip or frontage zone.

Adjacent Hydrant Test

Existing fire hydrants, tag bolt numbers 00668 & 06521, along 4305 Alabama Ave. were flow tested on 2/17/17 by Metro Water Services, below is a summary of the flow results:

Static Pressure:	65 psi
Residual Pressure:	70 psi
Flow:	919 gpm
Flow @ 20 psi:	4750 gpm

Based on table H.5.1 of the current NFPA, the building will not require a fire suppression system.



METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	CONCRETE POST CURB	DWG. NO. ST-201
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 07/24/09 REVISED: 05/02/03

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	SIDEWALK CONSTRUCTION	DWG. NO. ST-210
DIR. OF ENG.: <i>Mark May</i>	DATE: 7/15/04	REVISED: 05/27/03 REVISED: 11/24/03 REVISED: 06/23/04

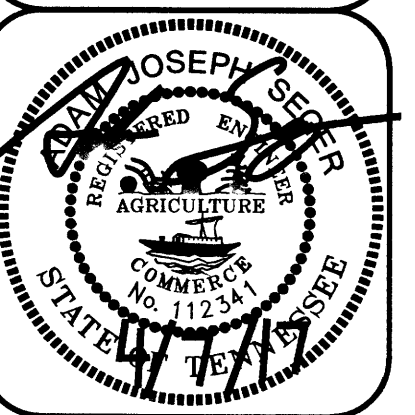
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	NEW CONSTRUCTION COMMERCIAL DRIVEWAY RAMP	DWG. NO. ST-324
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 07/27/02 REVISED: 05/08/03

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	NEW CONSTRUCTION CURB RAMP	DWG. NO. ST-320
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 07/19/02 REVISED: 05/08/03

Case # 2016SP-082-002
Layout and Utility Plan

Dale & Associates
Consulting, Civil Engineering
Land Planning & Zoning

516 Heather Place
Nashville, Tennessee 37204
(615) 297-5166



PERMITS:

D&A Project #16164
Alabama Ave
C2.0
Sheet 4 of 6