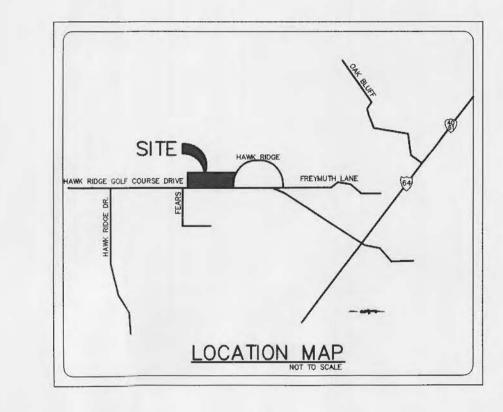
A TRACT OF LAND BEING LOT 2 OF "HAWK RIDGE BUSINESS PARK AND GOLF COURSE" WITHIN U.S. SURVEY 825, TOWNSHIP 46 NORTH, RANGE 2 EAST OF THE FIFTH PRINCIPAL MERIDIAN, ST. CHARLES COUNTY, MISSOURI



### SHEET INDEX

SHEET 1.....COVER SHEET
SHEET 2.....SITE PLAN
SHEET 3.....GRADING PLAN
SHEET 4.....DRAINAGE AREA MAP
SHEET 5.....PROFILE SHEET
SHEET 6.....CONSTRUCTION DETAILS

VEGETATION ESTABLISHMENT
For Urban Development Sites

APPENDIX A

SEEDING RATES:

PERMANENT:

Tall Fescue — 30 lbs./ac.
Smooth Brome — 20 lbs./ac.
Combined — Fescue @ 15 lbs./ac. AND
Brome @ 10 lbs./ac.

TEMPORARY:
Wheat ar Rye — 150 lbs./ac. (3.5 lbs. per sq. ft.)
Oats — 120 lbs./ac. (2.75 lbs. per sq. ft.)

SEEDING PERIODS:
Fescue or Brome — March 1 to June 1
August 1 to October 1
Wheat or Rye — March 15 to November 1
Oats — March 15 to September 15

MULCH RATES:
100 lbs. per 1000 sq. ft. (4,356 lbs. per ac.)

FERTILIZER RATES:
Nitrogen 30 lbs./ac.
Phosphate 30 lbs./ac.
Phosphate 30 lbs./ac.
Lime 600 lbs./ac. ENM\*

\* ENM = effective neutralizing material as per State evaluation of quarried rock.

# DEVELOPMENT NOTES

2.728 Acres

Present Zoning:
 Proposed Use:

1. Area of Tract:

4. Site is served by:

7. Parking Calculations:

BP-Business Park District General Office Building

General Office Building
Sewer — Public Water

Sewer — Public Water Supply District #2 Water — Public Water Supply District #2 Fire — Lake St. Louis Fire Protection District Electric — Cuiver River Electric

1 Space for every 250 sq. ft. of floor area =

G CONTRACTING, INC.
CYPRESS KNOLL DRIVE
FALLON, MISSOURI 63366
4-378-7853

LPG 791 0'FA 314-

I hereby specify that the documents intended to be authenticated by my seal are limited to this sheet, and I hereby disclaim any respon-

sibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used

for any part or parts of the architectural or

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REVISIONS

03-24-03 CITY COMMENTS

**ENGINEERING** 

PLANNING

SURVEYING

636-928-5552 FAX 928-1718

11-10-02

99-10641A

PROJECT NUMBER

1 OF 6
SHEET OF

10641ACON.DWG

RJH CLH
DESIGNED CHECKED

FILE NAME

DRAWN

DATE

1052 South Cloverleaf Drive

St. Peters, MO. 63376-6445

01-10-03 REVISIONS

OR:

ARED

PREP.

Telephone — Verizan Gas — St. Charles Gas Company

5. Building Setbacks are as follows: Front Yard: 50 feet
Side Yard: 15 feet

 According to the Flaad Insurance Rate Map of the City of Lake St. Louis, Missouri (Community Panel Number 290865-0220-E Dated August 2, 1996), this property lies with Zone X. Zone X is defined as an area outside of the 500 year floodway.

41,085/250 = 164.34 ~ 165 Spaces Required 182 Spaces Provided (Including 6 HC Spaces) 8. Site Coverage: Building - 13,695 SQ. FT.

Green Space — 36,919 SQ. FT.
Pavement — 68,218 SQ. FT.

 Additional erosion control requirements may be imposed on site and/or at the time of construction.

10. Electrical service to building to be located underground.

11. LANDSCAPE REQUIREMENTS

Street Frontage: 1 Space per every 40 linear feet = 685.36'/40 = 17.13 ~ 18 Trees Required
Interior Parking: 1 Tree per every 7 porking spaces = 182/7 = 26 Interior Trees Required
Landscape Buffer: Continuous Visual Screen

Landscope Provided: See Landscape Legend

### BENCHMARK

BASIS OF BEARING FOR THIS SURVEY ADOPTED FROM THE RECORD PLAT OF "HAWK RIDGE BUSINESS PARK AND GOLF COURSE" AS RECORDED IN PLAT BOOK 32 PAGE 381 OF THE ST. CHARLES COUNTY RECORDS.

#### LANDSCAPE LEGEND

QTY. (54) ~ INDICATES PROPOSED ORNAMENTAL SHRUBS (spireas, forsythia, barberries, privets, lilacs)

OTY. (47) ~ INDICATES PROPOSED HARDWOOD TREE (Min. 2 1/2" Coliper)
(oshes, oaks, maples, birches, sweet gum)

QTY. (64) ~ INDICATES PROPOSED CONIFEROUS TREE (Min. 2 1/2" Caliper)

QTY. (5) ~ INDICATES EXISTING TREES TO BE REMOVED AND REPLACED

\*\* LANDSCAPING AS DEPICTED IS SUBJECT TO FINAL \*\*

LANDSCAPING AS DEPICTED IS SUBJECT TO FINAL \*\*
DESIGN BY A QUALIFIED LANDSCAPE DESIGNER

# GENERAL NOTES

- 1) UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.
- 2) ALL FILLED PLACES, INCLUDING TRENCH BACK FILLS, UNDER BUILDINGS, PROPOSED STORM AND SANITARY SEWER LINES AND/OR PAVED AREAS, SHALL BE COMPACTED TO 90% MAXIMUM DENSITY AS DETERMINED BY THE "MODIFIED AASHTO T—180 COMPACTION TEST," (A.S.T.M.—D—1557). ALL FILLED PLACES WITHIN PUBLIC ROADWAYS SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE "STANDARD PROCTOR TEST AASHTO T—99, METHOD C" (A.S.T.M. D—698).
- 3) ALL TRENCH BACK FILLS UNDER PAVED AREAS SHALL BE GRANULAR BACK FILL, AND SHALL BE COMPACTED TO 90% OF THE MAXIMUM DENSITY AS DETERMINED BY THE "MODIFIED AASHTO T-180 COMPACTION TEST," (A.S.T.M.-D-1557). ALL OTHER TRENCH BACK FILLS MAY BE EARTH MATERIAL (FREE OF LARGE CLODS OR STONES). ALL TRENCH BACK FILLS SHALL BE WATER JETTED.
- NO AREA SHALL BE CLEARED WITHOUT THE PERMISSION OF THE PROJECT ENGINEER.
- 5) ALL GRADES SHALL BE WITHIN 0.2 FEET OF THOSE SHOWN ON THE GRADING PLAN.
- 6) NO SLOPE SHALL BE STEEPER THAN 3:1. ALL SLOPES SHALL BE SODDED OR SEEDED AND MULCHED.
- ALL CONSTRUCTION AND MATERIALS USED SHALL CONFORM TO CURRENT CITY OF LAKE ST. LOUIS STANDARDS.
- B) ALL MECHANICAL EQUIPMENT TO BE SCREENED FROM PUBLIC MEW.

  9) PROPOSED BUILDING WILL COMPLY WITH CURRENT AMERICAN

  PROPOSED BUILDING WILL COMPLY WITH CURRENT AMERICAN

  10 PROPOSED BUILDING WILL COMPLY WITH CURRENT AMERICAN

  11 PROPOSED BUILDING WILL COMPLY WITH CURRENT AMERICAN
- DISABILITY ACT REQUIREMENTS.

  10) SEE ARCHITECTURAL DRAWING FOR ALL BUILDING DIMENSIONS, SERVICE CONNECTIONS, DETAILS, ETC.
- 11) ALL UTILITIES SHOWN ARE EXISTING UNLESS OTHERWISE NOTED. ALL NEW UTILITIES SHALL BE LOCATED UNDERGROUND.
- 12) ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
- 13) ALL CONSTRUCTION METHODS AND PRACTICES SHALL CONFORM WITH CURRENT O.S.H.A. STANDARDS.
- 14) ALL SIGNS ON THE SITE OR ANY STRUCTURE MUST HAVE SIGN PERMITS APPROVED BY THE ST. CHARLES COUNTY PLANNING AND BUILDING DEPARTMENTS. A SIGN ON A STRUCTURE CANNOT EXCEED 60 SQUARE FEET AND MUST FACE ONTO A STREET. A GROUND SIGN CANNOT EXCEED 150 SQUARE FEET. ANY GROUND SIGN MUST BE 10 FEET FROM ANY PROPERTY LINE AND A MINIMUM OF 50 FEET FROM THE PAVEMENT OF ANY INTERSECTION.

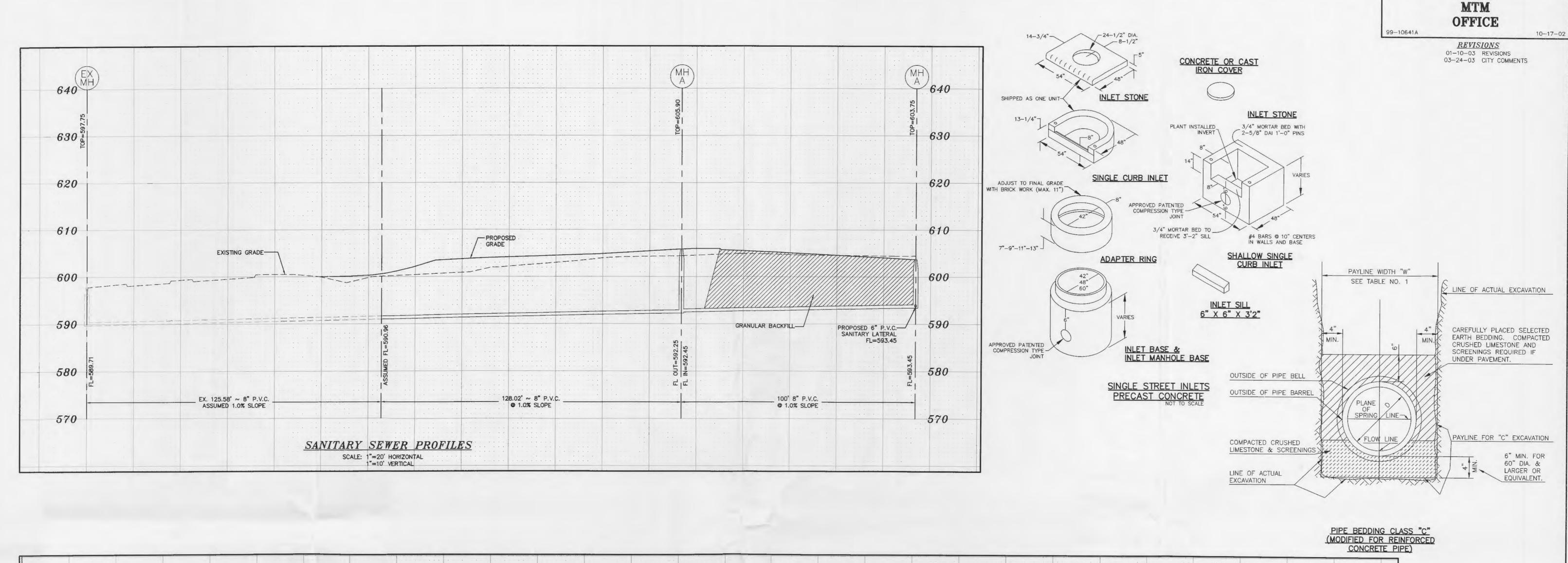
GRADING QUANTITIES:
7,195 C.Y. CUT
2,274 C.Y. FILL (INCLUDES 15% SHRINKAGE)
4,921 C.Y. EXCESS

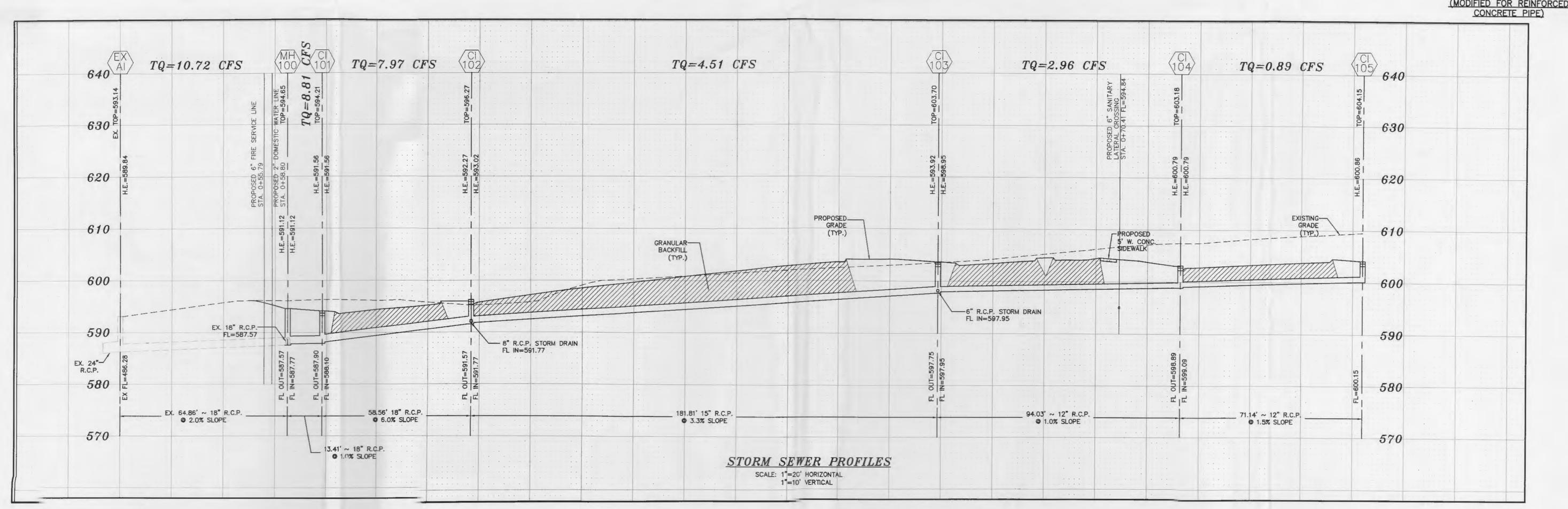
THE ABOVE GRADING QUANTITY IS APPROXIMATE ONLY, NOT FOR BIDDING PURPOSES. CONTRACTOR SHALL VERIFY QUANTITIES PRIOR TO CONSTRUCTION.



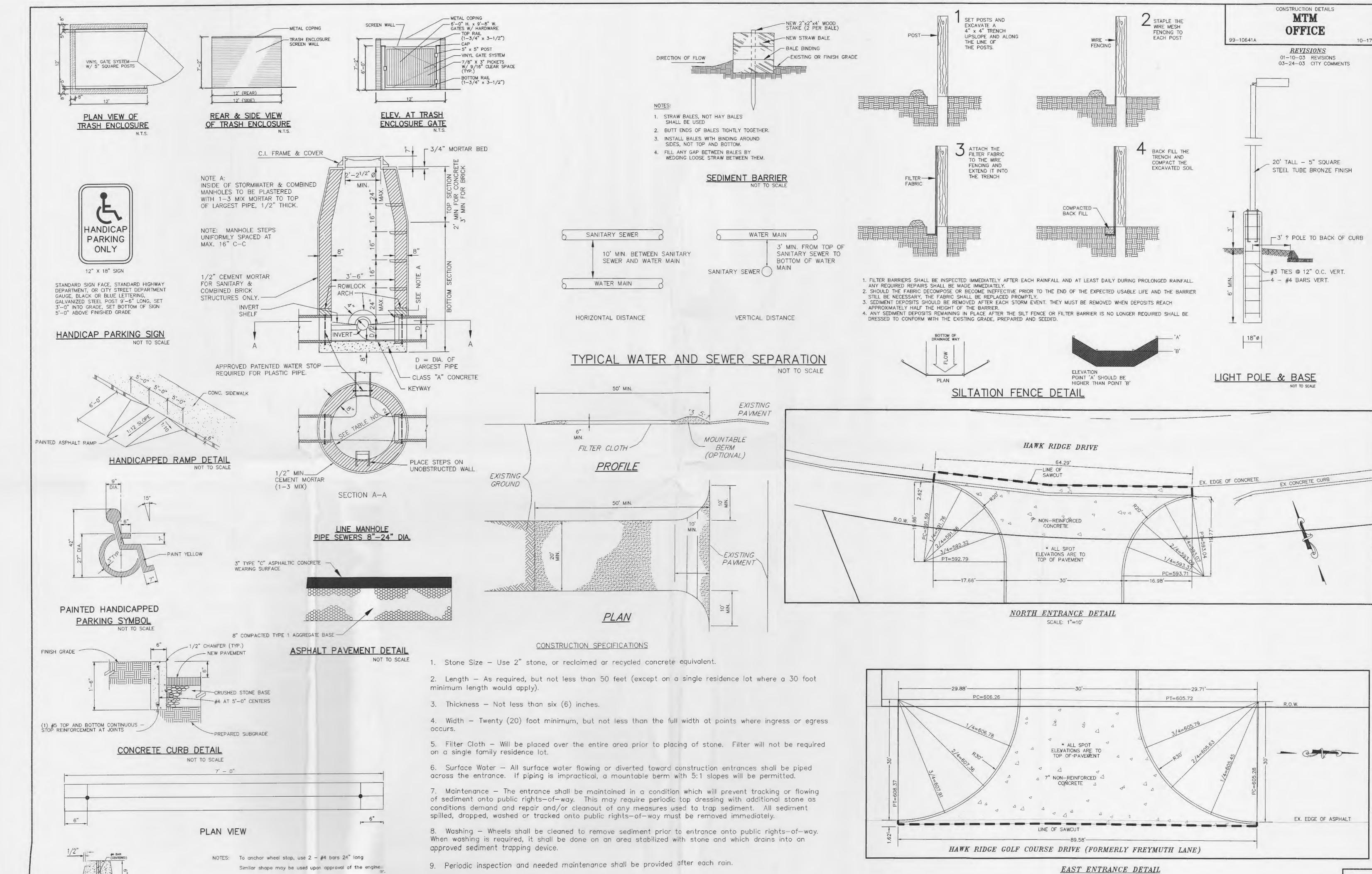
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E: NOWG\A10500PLUS\10641A-NTM Office\CONSTRUCTION\10641ACON.dwg, 03/24/03 03:19:48 PM, Sta





PROFILE SHEET



STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA

SECTION

NOT TO SCALE

6

SCALE: 1"=10'