

PROJECT TITLE: \_\_\_\_\_

New Animal Facility at:

# Montville Animal Shelter

225 Maple Ave.  
Montville, CT

#### DRAWINGS LIST

##### CIVIL DRAWINGS

C100 SITE PLAN  
C200 EXISTING CONDITIONS & DEMOLITION PLAN  
C300 GRADING, EROSION CONTROL & UTILITY PLAN  
C400 DETAILS

##### ARCHITECTURAL DRAWINGS

A110 FLOOR PLANS  
A300 EXTERIOR ELEVATIONS

#### ARCHITECT

**SILVER PETRUCELLI & ASSOC.**  
3190 WHITNEY AVENUE, HAMDEN CT 06518  
311 STATE STREET NEW LONDON, CT 06320  
PHONE 203 230 9007 silverpetrucelli.com

#### M/E/P/FP

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3190 WHITNEY AVENUE, HAMDEN CT 06518  
311 STATE STREET NEW LONDON, CT 06320  
PHONE 203 230 9007 silverpetrucelli.com

#### STRUCTURAL

**E2 ENGINEERS**  
488 MONTAUK AVENUE, NEW LONDON, CT 06320  
2250 MAIN STREET, CONCORD, MA 01742  
NEW LONDON PHONE 860 437 3259  
CONCORD PHONE 978 294 8806 e2engineers.com

#### CIVIL

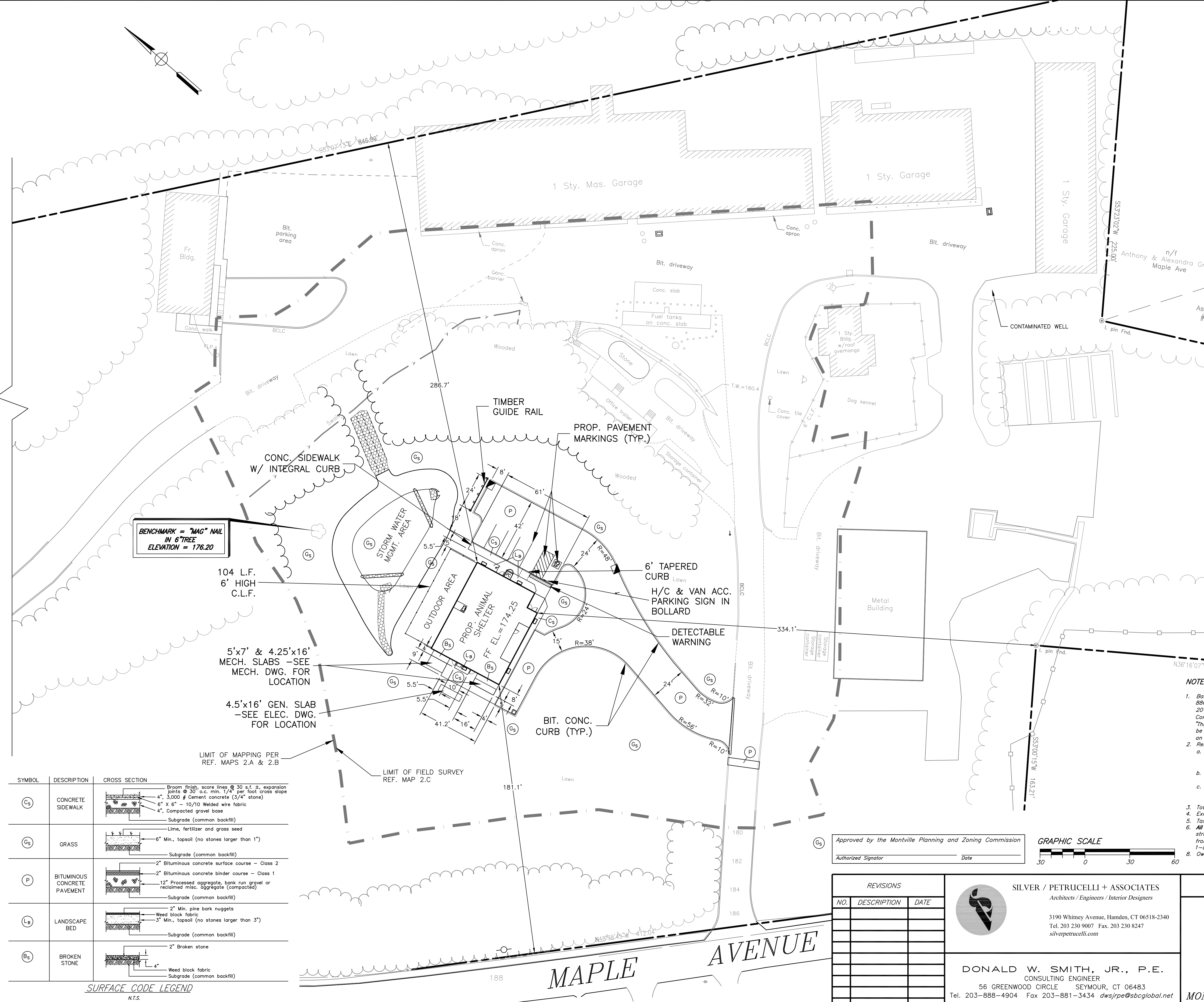
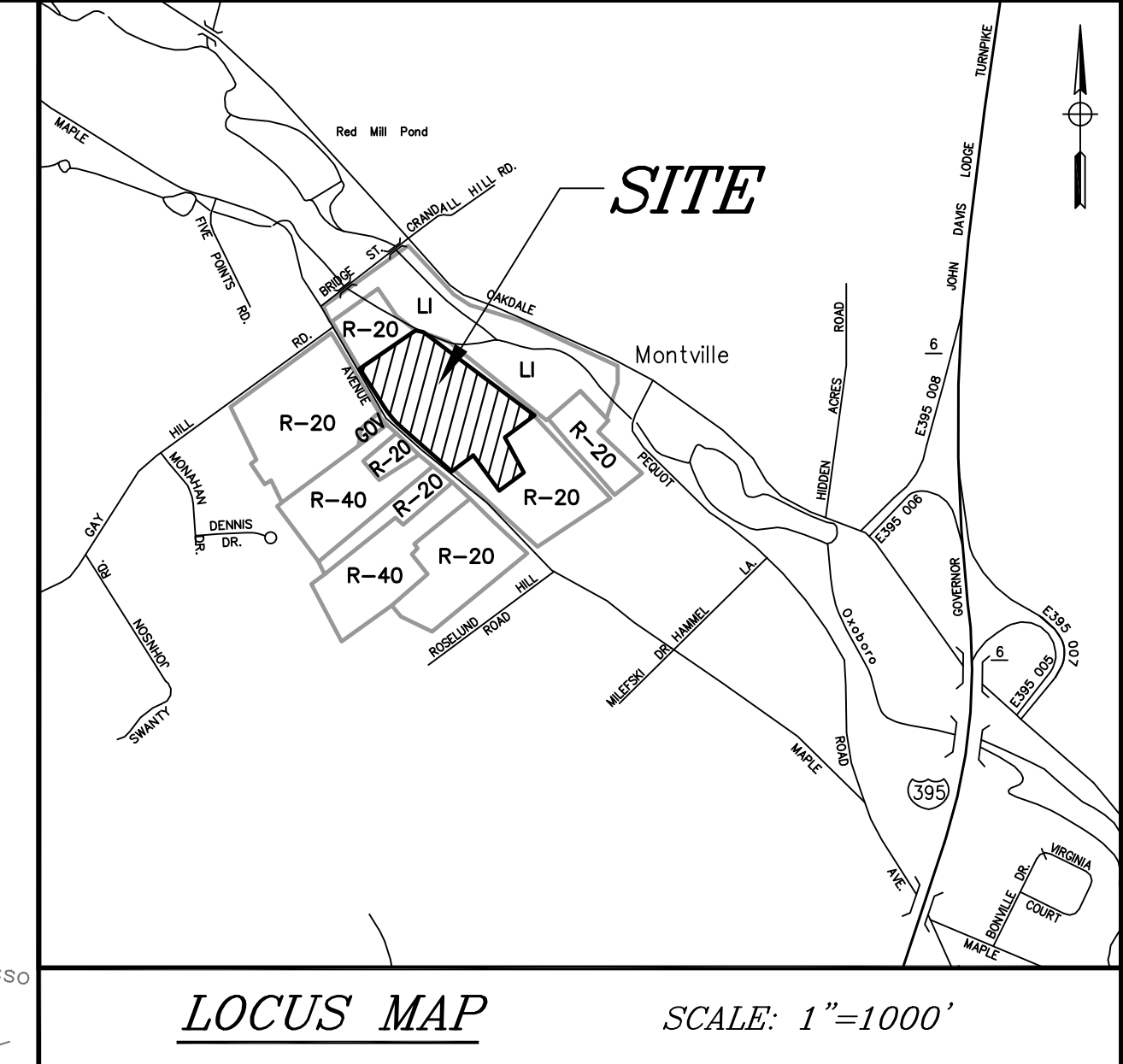
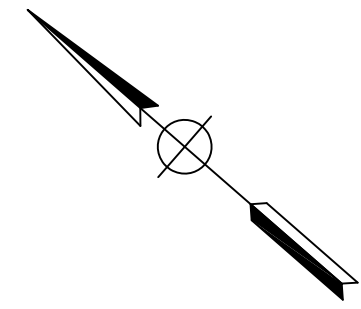
**DONALD W. SMITH, JR. P.E.**  
56 GREENWOOD CIRCLE, SEYMOUR, CT 06483  
PHONE 203 888 4804



SILVER PETRUCELLI + ASSOCIATES

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203 230 9007 silverpetrucelli.com

PLANNING AND ZONING 10/02/2023



BENCHMARK = "MAG" NAIL  
IN 6" TREE  
ELEVATION = 176.20

104 L.F.  
6' HIGH  
C.L.F.

5'x7' & 4.25'x16'  
MECH. SLABS - SEE  
MECH. DWG. FOR  
LOCATION

4.5'x16' GEN. SLAB  
- SEE ELEC. DWG.  
FOR LOCATION

LIMIT OF MAPPING PER  
REF. MAPS 2.A & 2.B

LIMIT OF FIELD SURVEY  
REF. MAP 2.C

SYMBOL	DESCRIPTION	CROSS SECTION
Cs	CONCRETE SIDEWALK	<ul style="list-style-type: none"> <li>Broom finish, score lines @ 30 s.f. ±, expansion joints @ 30' o.c. min. 1/4" per foot cross slope</li> <li>4", 3,000 # Cement concrete (3/4" stone)</li> <li>6" x 6" - 10/10 Welded wire fabric</li> <li>4", Compacted gravel base</li> <li>Subgrade (common backfill)</li> </ul>
Gs	GRASS	<ul style="list-style-type: none"> <li>6" Min., topsoil (no stones larger than 1")</li> <li>Subgrade (common backfill)</li> </ul>
P	BITUMINOUS CONCRETE PAVEMENT	<ul style="list-style-type: none"> <li>2" Bituminous concrete surface course - Class 2</li> <li>2" Bituminous concrete binder course - Class 1</li> <li>12" Processed aggregate, bank run gravel or reclaimed misc. aggregate (compacted)</li> <li>Subgrade (common backfill)</li> </ul>
Lb	LANDSCAPE BED	<ul style="list-style-type: none"> <li>2" Min. pine bark nuggets</li> <li>Weed block fabric</li> <li>3" Min., topsoil (no stones larger than 3")</li> <li>Subgrade (common backfill)</li> </ul>
Bs	BROKEN STONE	<ul style="list-style-type: none"> <li>2" Broken stone</li> <li>Weed block fabric</li> <li>Subgrade (common backfill)</li> </ul>

SURFACE CODE LEGEND  
N.T.S.

NOTES:

- Base survey and map provided by CLA Engineers, Inc., 317 Main Street, Norwich, CT 06360, (860) 886-1966. This survey and map has been prepared in accordance with Section 20-300b-1 through 20-300b-20 of the Regulations for State Agencies "Standards for Surveys and Maps in the State of Connecticut" as endorsed by the Connecticut Association of Land Surveyors, Inc. This plan was compiled from other maps, record research or other sources of information. It is not to be construed as having been obtained as the result of a field survey, and is subject to such change as an accurate field survey may disclose.
- Reference Maps:
  - Map entitled "Town of Montville, Department of Public Works, Boundary Survey," Horizontal Accuracy: A-2, Scale 1"=40', Sheet No. 1, Dated 09/27/19 by CLA Engineers, Inc., 317 Main Street, Norwich, CT 06360, (860) 886-1966.
  - CT Environmental Conditions Online (CTECO) Advanced Viewer Spring 2016 Aerial Imaging with elevation contours.
  - Map entitled "Topographic Survey, prepared for Montville Animal Shelter, 222 Maple Avenue, Montville, Connecticut," Vertical Accuracy: T-2, Scale 1"=30', Sheet 1 of 1, Dated 7/26/23 by Horbal & Judson Land Surveyors & Associates, 52 Main Street, Seymour, Connecticut 06483, (203)888-9660.
- Total Area = 511,476± square feet; 11.77± acres.
- Existing Zone: GOV.
- Tax Map/Block/Lot: 077-041-000.
- All utilities are not shown. Utility information depicted hereon is approximate and is based on aboveground structures, record drawings, point mark-outs and as-built field locations. Actual utility locations may vary from those depicted hereon. All contractors are required to utilize "CALL BEFORE YOU DIG" One Call System 1-800-922-4455 for verification of the utility information prior to the start of any work.
- Owner & Applicant: Town of Montville  
310 Norwich New London Tpk  
Unicoville, CT 06382

Approved by the Montville Planning and Zoning Commission  
Authorized Signator \_\_\_\_\_ Date \_\_\_\_\_



REVISIONS		
NO.	DESCRIPTION	DATE

**SILVER / PETRUCELLI + ASSOCIATES**  
Architects / Engineers / Interior Designers

3190 Whitney Avenue, Hamden, CT 06518-2340  
Tel. 203 230 9007 Fax. 203 230 8247  
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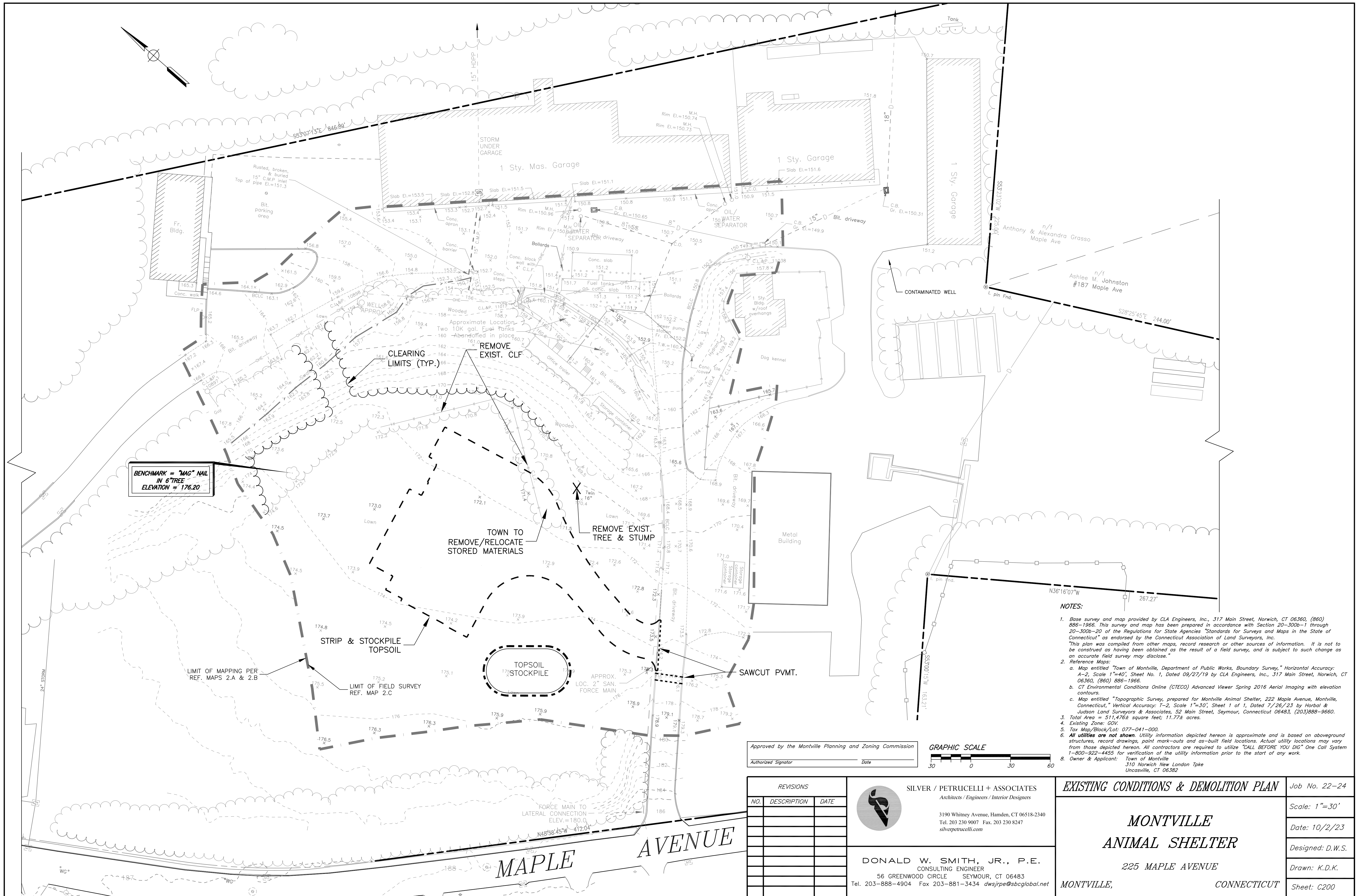
**DONALD W. SMITH, JR., P.E.**  
CONSULTING ENGINEER  
56 GREENWOOD CIRCLE SEYMOUR, CT 06483  
Tel. 203-888-4904 Fax 203-881-3434 dwsjrpe@sbcglobal.net

**SITE PLAN**

**MONTVILLE ANIMAL SHELTER**

225 MAPLE AVENUE  
MONTVILLE, CONNECTICUT

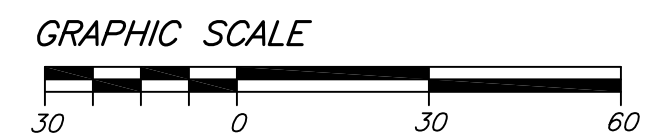
Job No. 22-24  
Scale: 1"=30'  
Date: 10/2/23  
Designed: D.W.S.  
Drawn: K.D.K.  
Sheet: C100



BENCHMARK = "MAG" NAIL  
IN 6" TREE  
ELEVATION = 176.20

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Approved by the Montville Planning and Zoning Commission  
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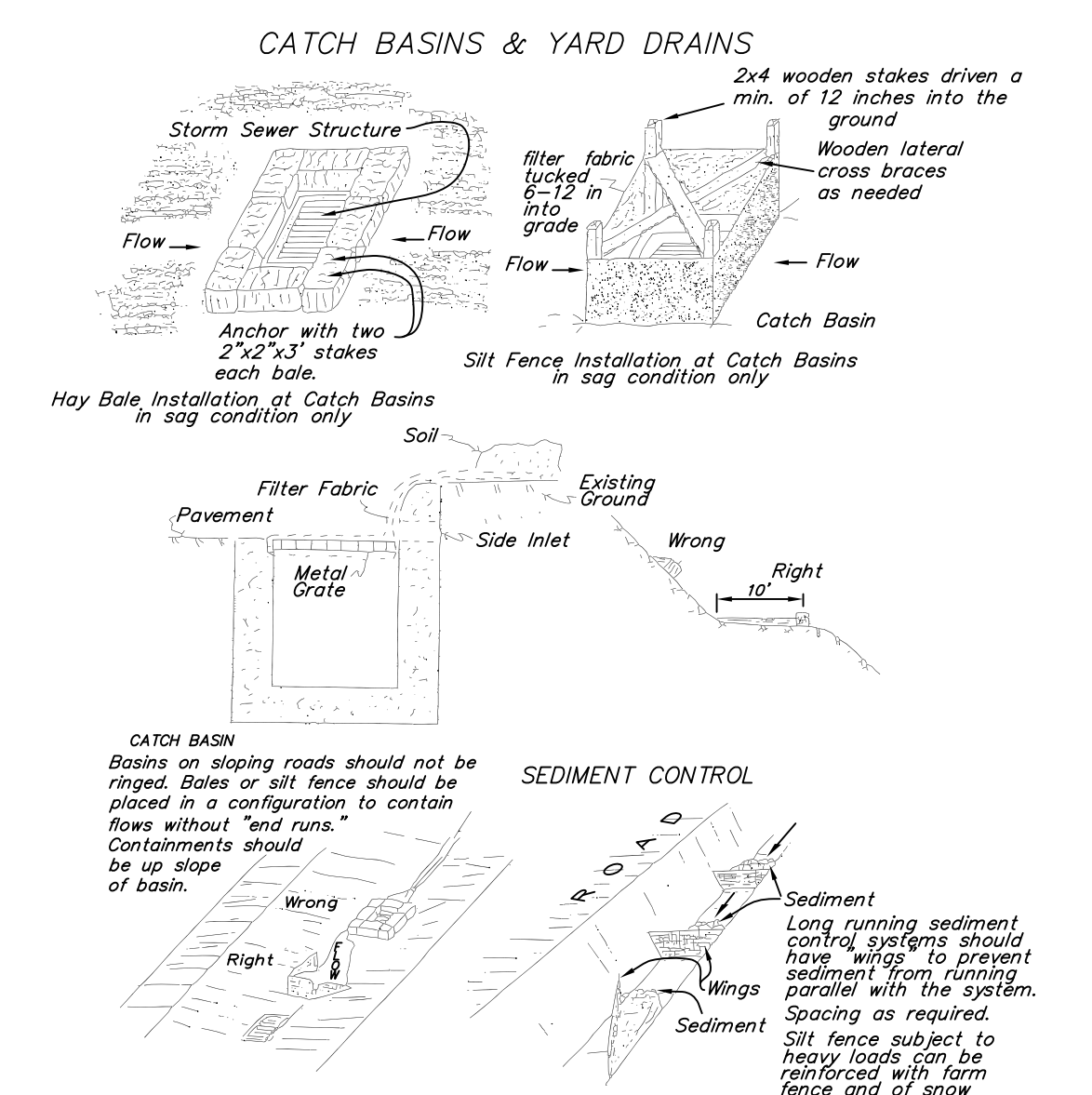
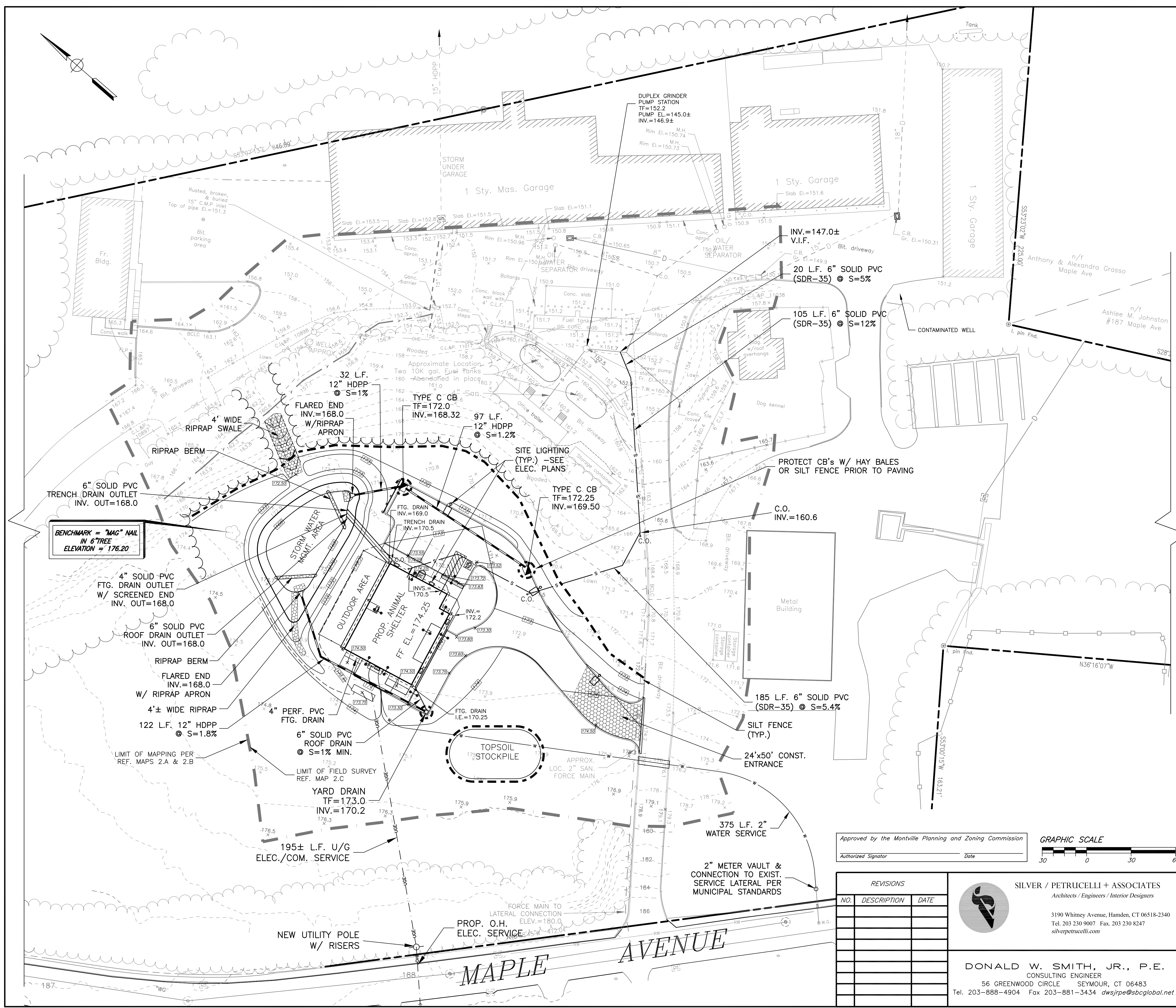
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56 GREENWOOD CIRCLE SEYMOUR, CT 06483  
Tel. 203-888-4904 Fax 203-881-3434 dwsjrpe@sbcglobal.net

**EXISTING CONDITIONS & DEMOLITION PLAN** Job No. 22-24

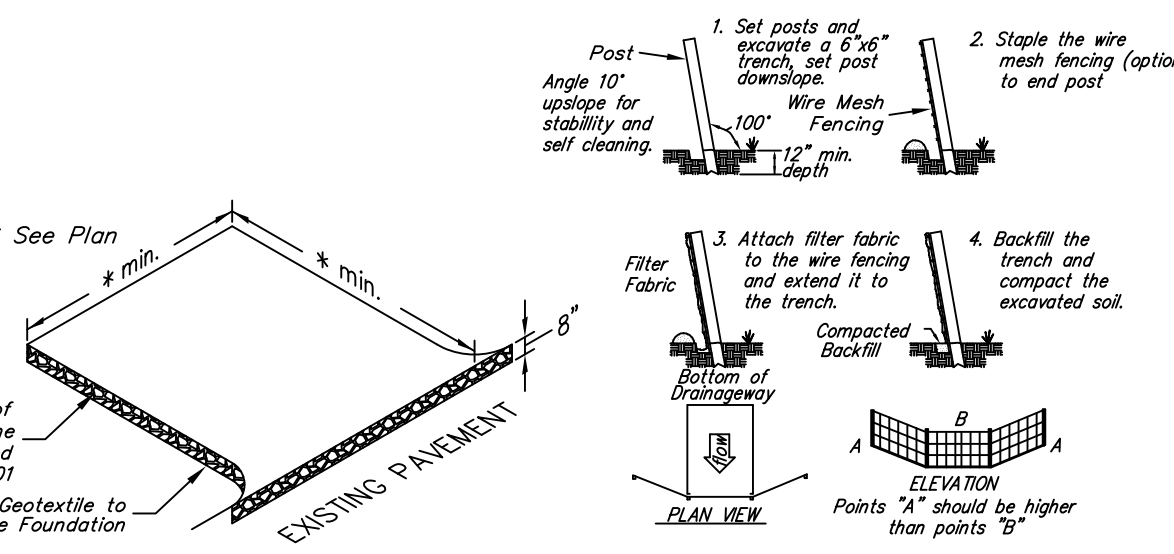
**MONTVILLE ANIMAL SHELTER**  
225 MAPLE AVENUE  
MONTVILLE, CONNECTICUT

Scale: 1"=30'  
Date: 10/2/23  
Designed: D.W.S.  
Drawn: K.D.K.  
Sheet: C200





**CATCH BASINS & YARD DRAINS**  
 Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, CT.  
**PLACEMENT OF CONTROL MEASURES AT CATCH BASINS & YARD DRAINS**  
 N.T.S.

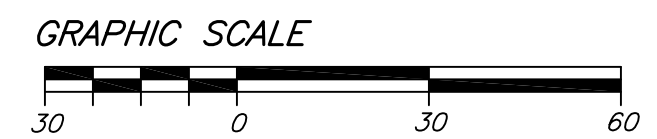


**CONSTRUCTION ENTRANCE ANTI-TRACKING PAD**  
 N.T.S.  
**PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER**  
 N.T.S.

- EROSION CONTROL NOTES:**
1. Land disturbance shall be kept to the minimum necessary for construction operations.
  2. All soil erosion and sediment control measures must be constructed in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control by the Connecticut Council on Soil and Water Conservation in cooperation with the Connecticut Department of Environmental Protection.
  3. Erosion and sediment control measures shall be installed as depicted on this plan, and maintained in an effective condition throughout the construction period. Additional measures shall be installed as necessary and required.
  4. All disturbed areas shall be permanently stabilized as soon as practicable.
  5. The Site Contractor is assigned the responsibility for implementing the control measures of this plan. This responsibility includes the installation and maintenance of control measures, informing all parties engaged on the construction site of the requirements and objectives of this plan, and notifying the Planning and Zoning Commission of the transfer of this responsibility, and for conveying a copy of this plan if title to the property is transferred.

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**GRADING, EROSION CONTROL & UTILITY PLAN** Job No. 22-24

**MONTVILLE ANIMAL SHELTER**  
 225 MAPLE AVENUE  
 MONTVILLE, CONNECTICUT

Scale: 1"=30'  
 Date: 10/2/23  
 Designed: D.W.S.  
 Drawn: K.D.K.  
 Sheet: C300



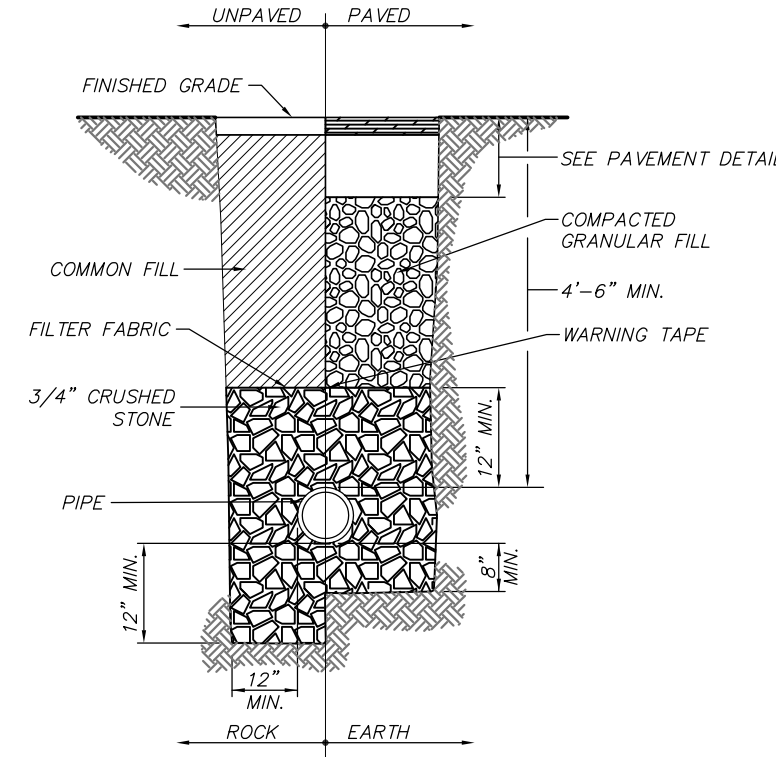
**GENERAL CONSTRUCTION SEQUENCE:**

The anticipated time of completion for all aspects of construction is ten (10) months from the initial start date. Construction is expected to start in the Fall of 2023 and be completed by April 2025.

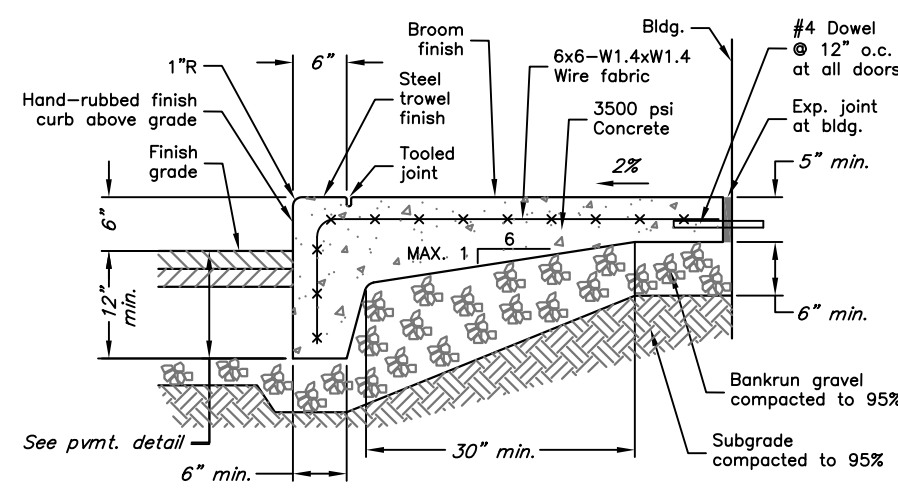
Prior to any on-site activity, the Contractor shall be responsible for holding a pre-construction meeting with the design team and appropriate City officials and for notifying "Call Before You Dig" (1-800-922-4455) of the proposed project. (Estimated Time: 3 days)

The general sequence of work will be as follows:

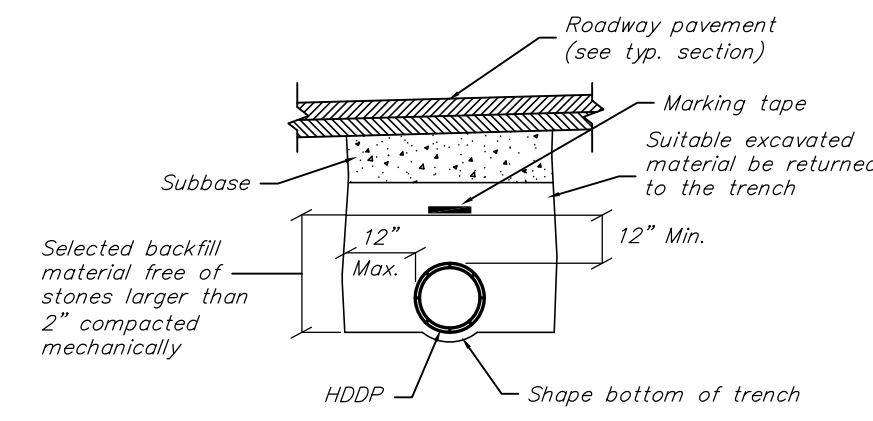
1. Stakeout limits of new construction, saw cut and remove the designated portions of bituminous concrete pavement and dispose off-site. (Estimated Time: 1 day)
2. Install silt fence and other erosion control measures as shown on plans and as directed by the "Engineer". Maintain all erosion and sediment control measures in an effective condition throughout the construction phase. (Estimated Time: 1 day)
3. Clear and grub existing trees and stumps and dispose off-site. (Estimated Time: 3 days)
4. Excavate for new building foundation, pour foundation and backfill. (Estimated Time: 4 weeks)
5. Construct new building and utility services. (Estimated Time: 26 weeks)
6. Excavate storm water management area, install and backfill new storm drainage system. (Estimated Time: 3 weeks)
7. Complete "boxing out" of parking area and new sidewalks and prepare subgrade for specified base materials (Estimated Time: 3 days)
8. Install specified base courses, new concrete sidewalks and curb and bituminous concrete pavement. (Estimated Time: 15 days)
9. Install bituminous concrete curbing. (Estimated Time: 1 day)
10. Install Handicap parking signage and pavement markings. (Estimated Time: 1 week)
11. Install topsoil and seed all disturbed areas as soon as practical. (Estimated Time: 1 day)



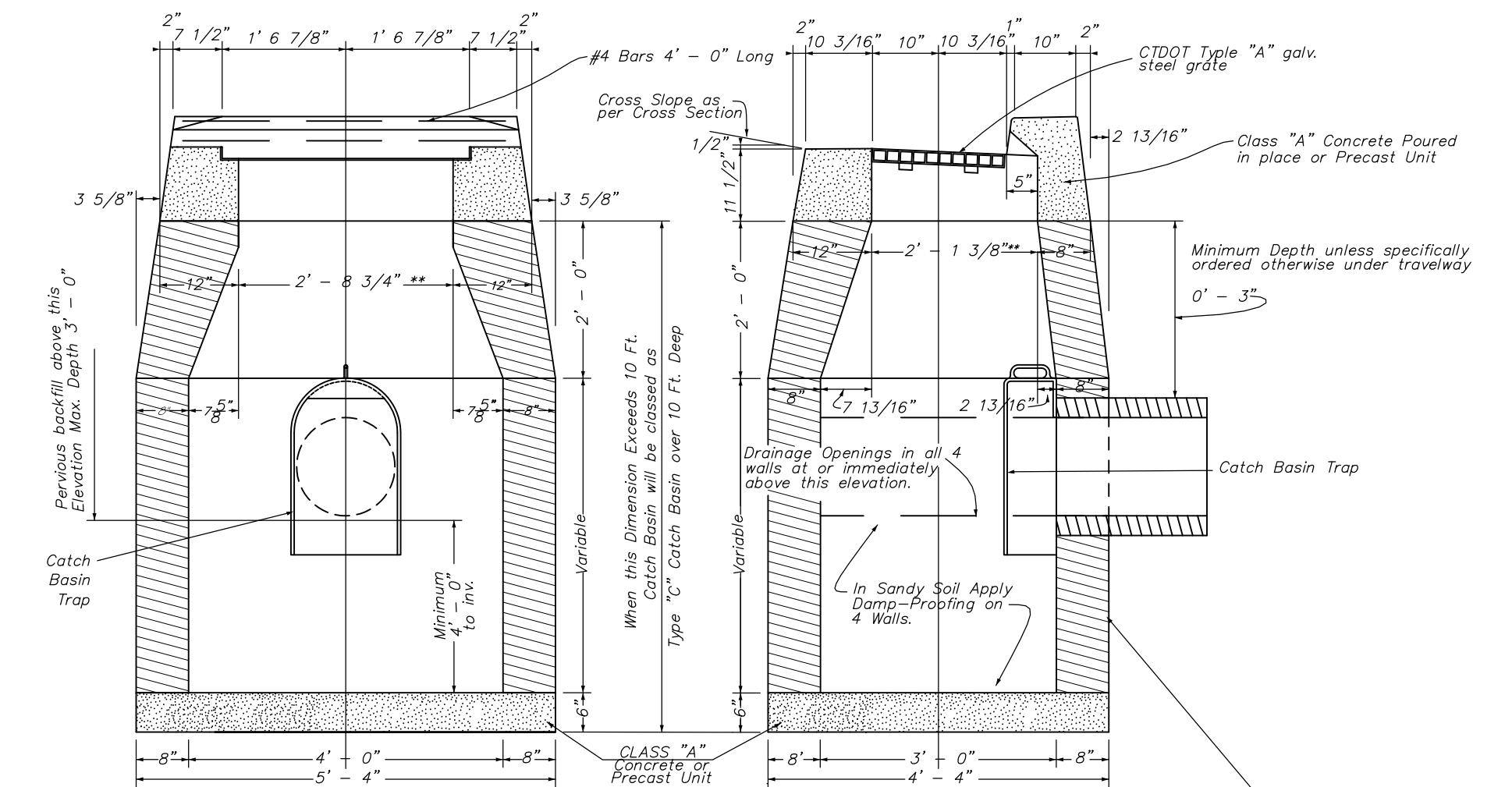
**TYPICAL WATER SERVICE TRENCH DETAIL**  
NOT TO SCALE



**CONCRETE WALK W/6\"/>**

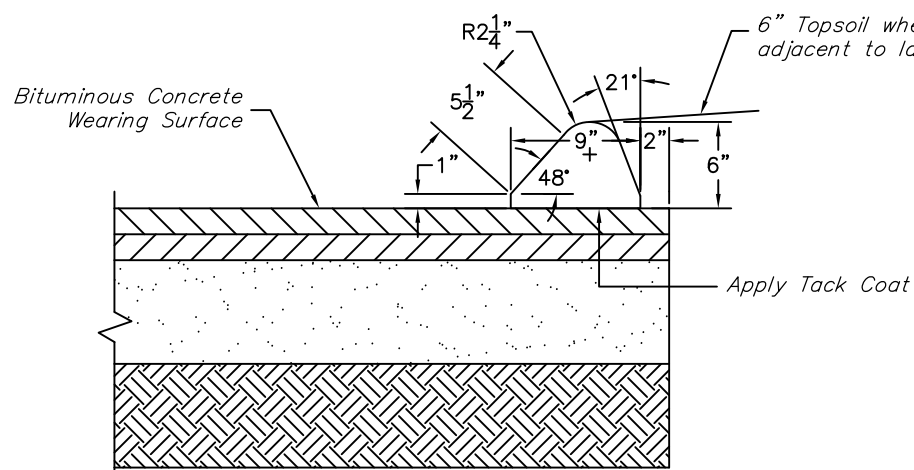


**HDPP STORM DRAIN TRENCH**  
N.T.S.

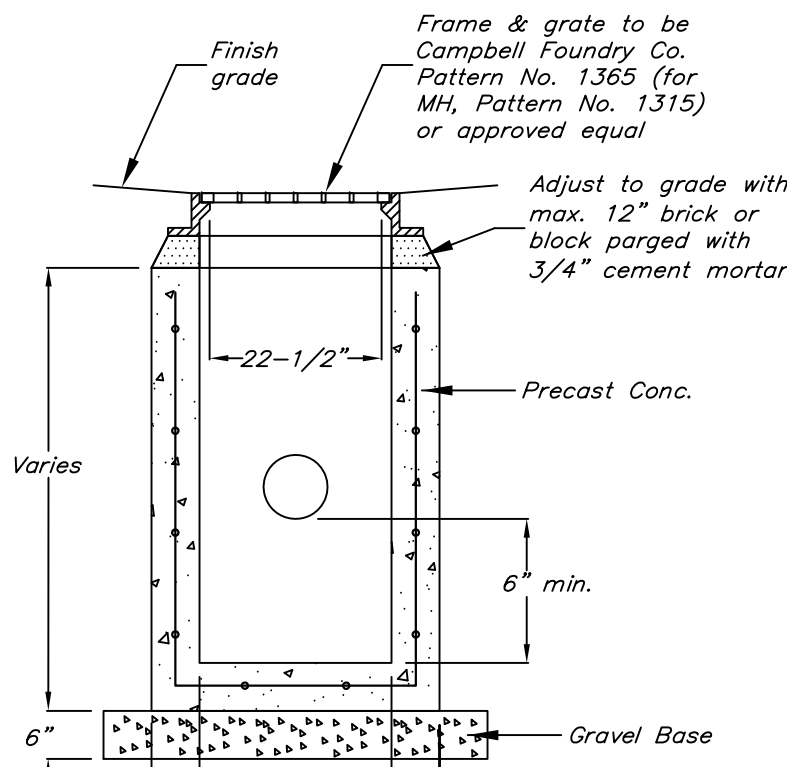


**CATCH BASIN DETAIL**  
N.T.S.

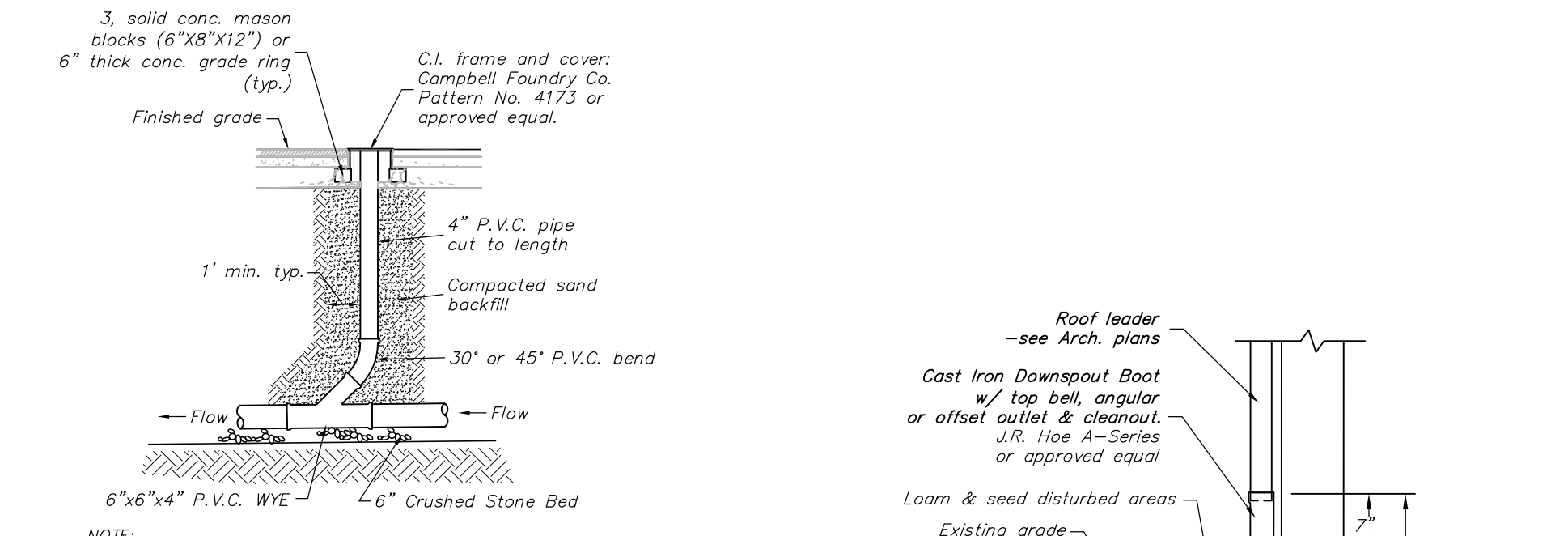
Precast Concrete Units, Brick, Class "A" Concrete, Masonry Concrete Units, Where Brick or Masonry Concrete Units are used, Corbelling will be permitted. Maximum corbel to be 3". No projection shall extend inside of limits note by \*\*



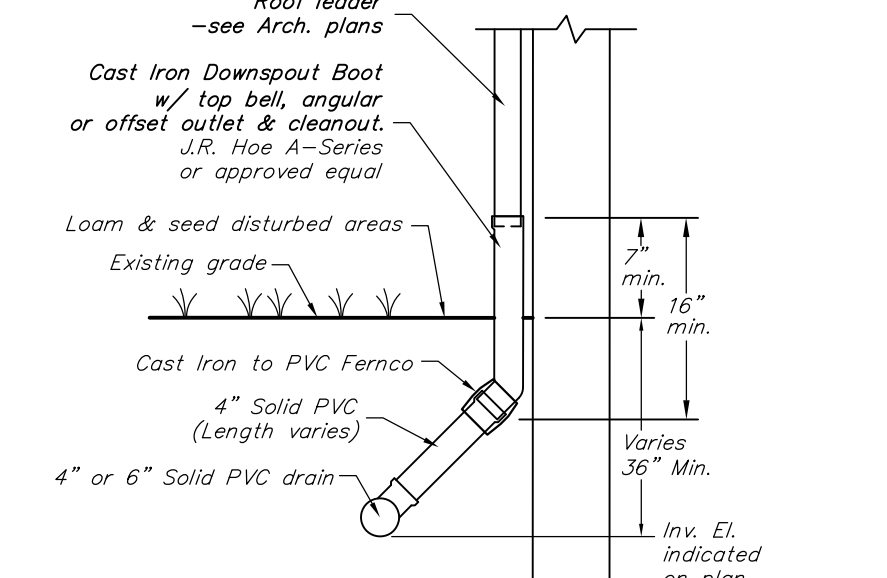
**6\"/>**



**YARD DRAIN**  
N.T.S.



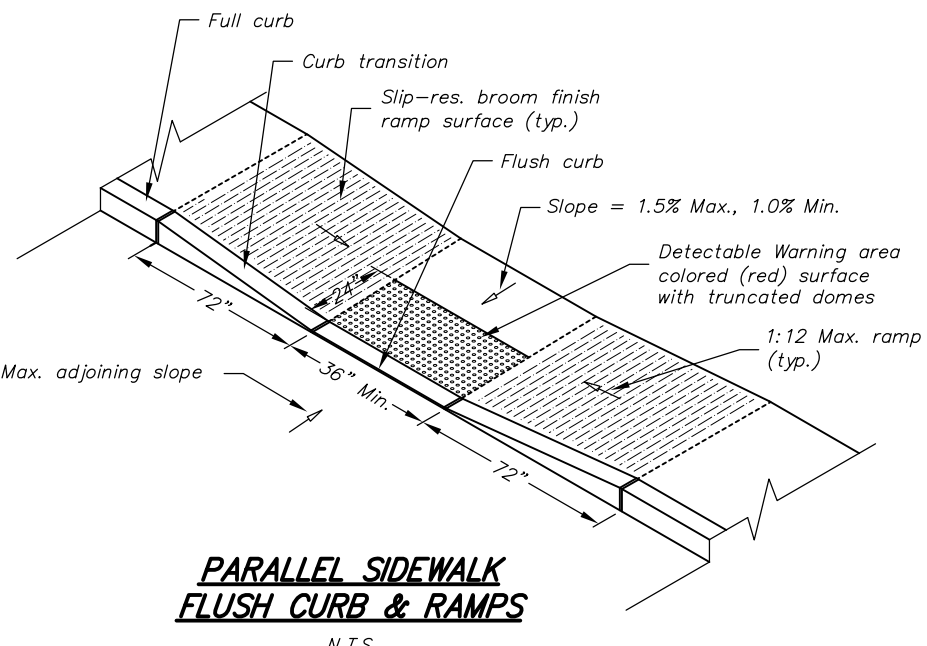
**SANITARY SEWER CLEANOUT DETAIL**  
N.T.S.



**C.I. ROOF DRAIN CONNECTION DETAIL**  
N.T.S.

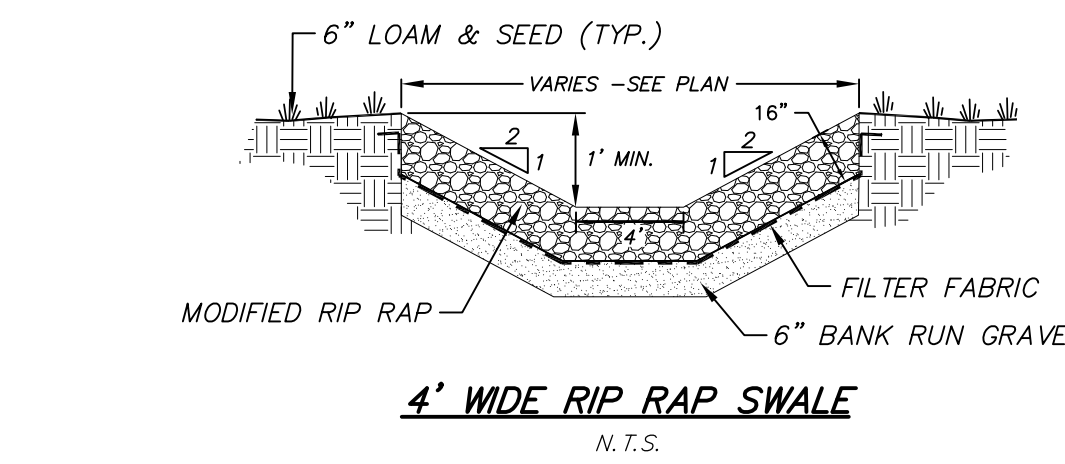
NOTE: 1) Cleanouts to be located 75' O.C. (max.) and at angle points where one or more cumulative changes in direction exceeds 45'. 2) Contractor to provide owner with ties to each cleanout.

**ANGLE-POINT SANITARY SEWER CLEANOUT DETAIL**  
N.T.S.

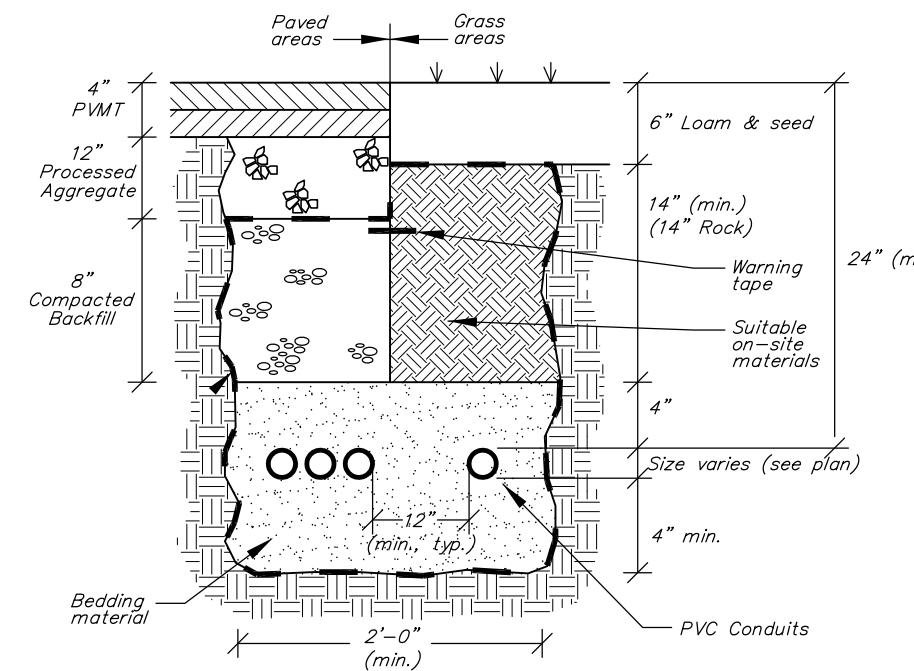


**PARALLEL SIDEWALK FLUSH CURB & RAMPS**  
N.T.S.

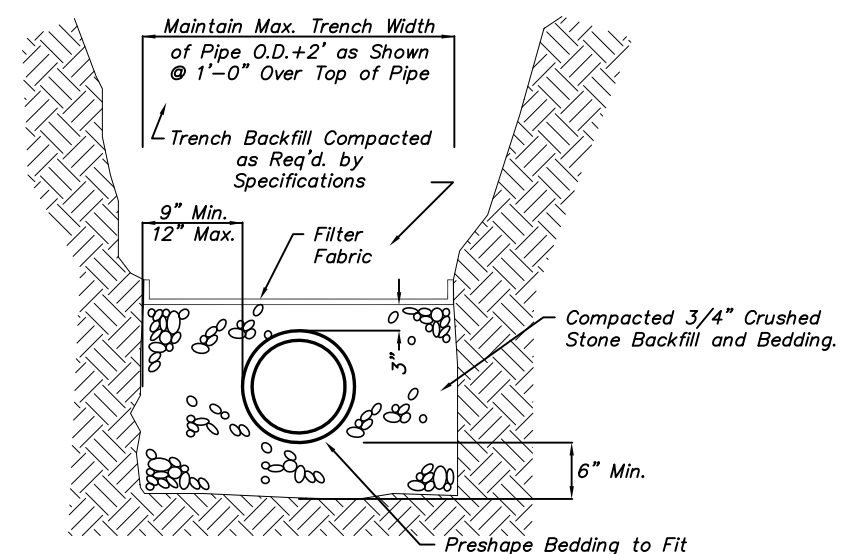
**ACCESSIBLE RAMP DETAILS**



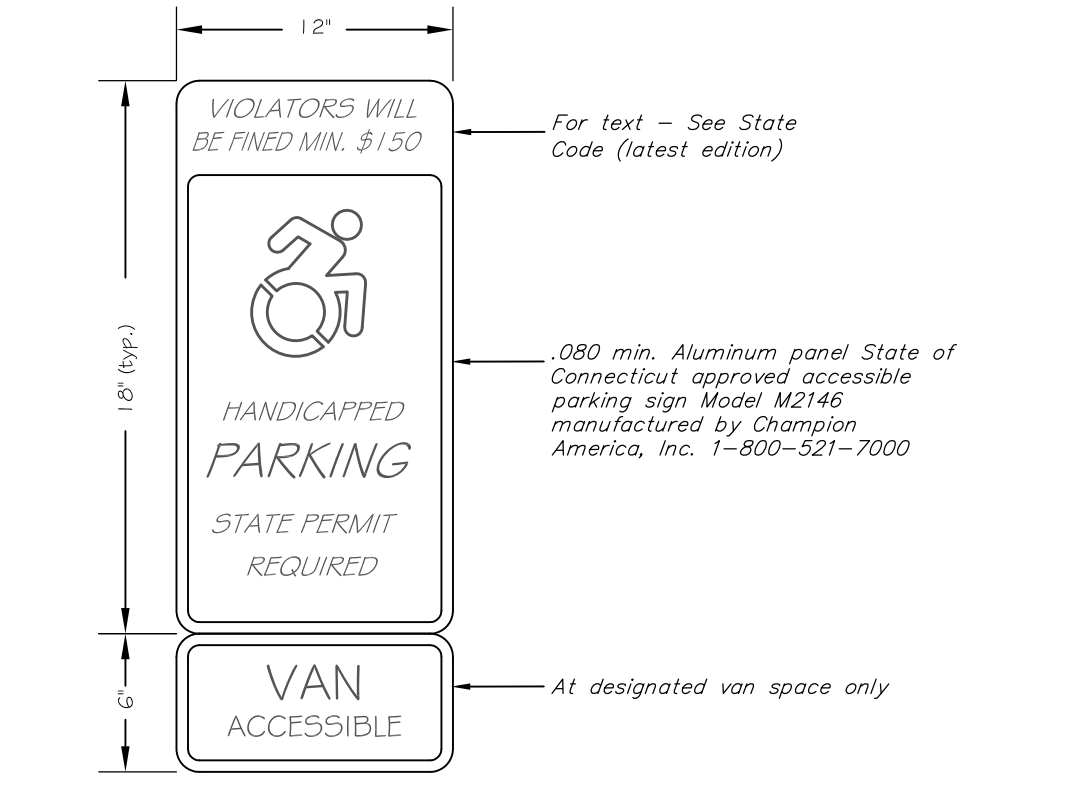
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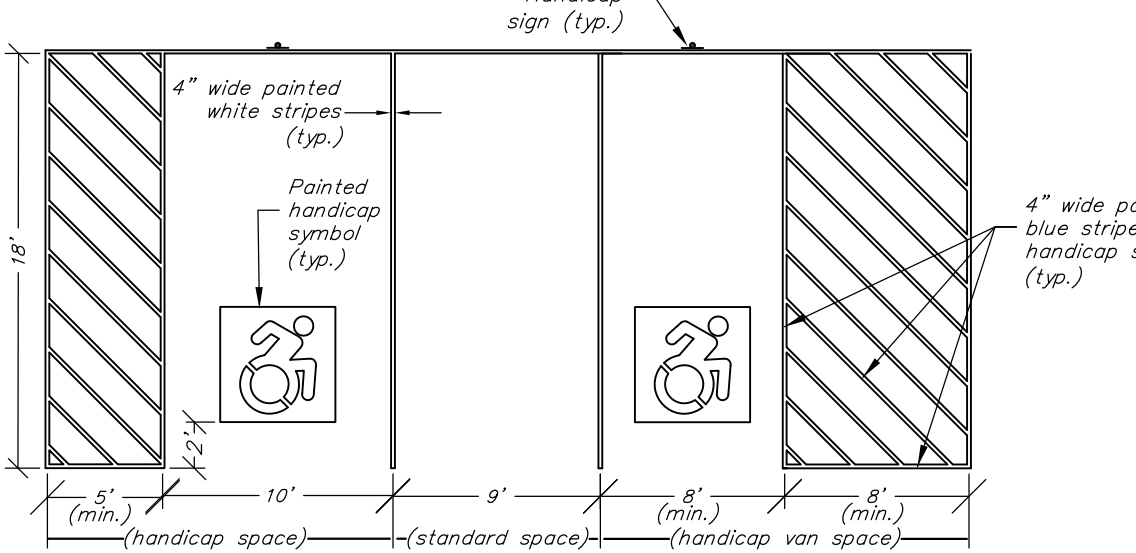
**U/G CONDUIT BEDDING DETAIL**  
N.T.S.



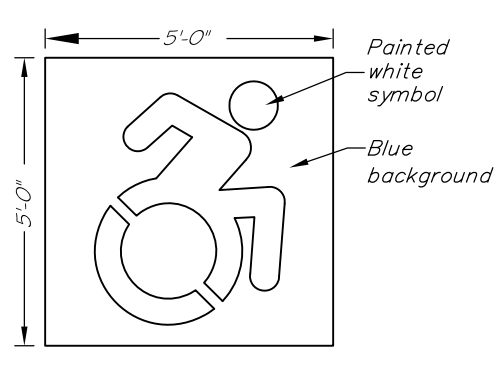
**SANITARY SEWER BEDDING DETAIL**  
N.T.S.



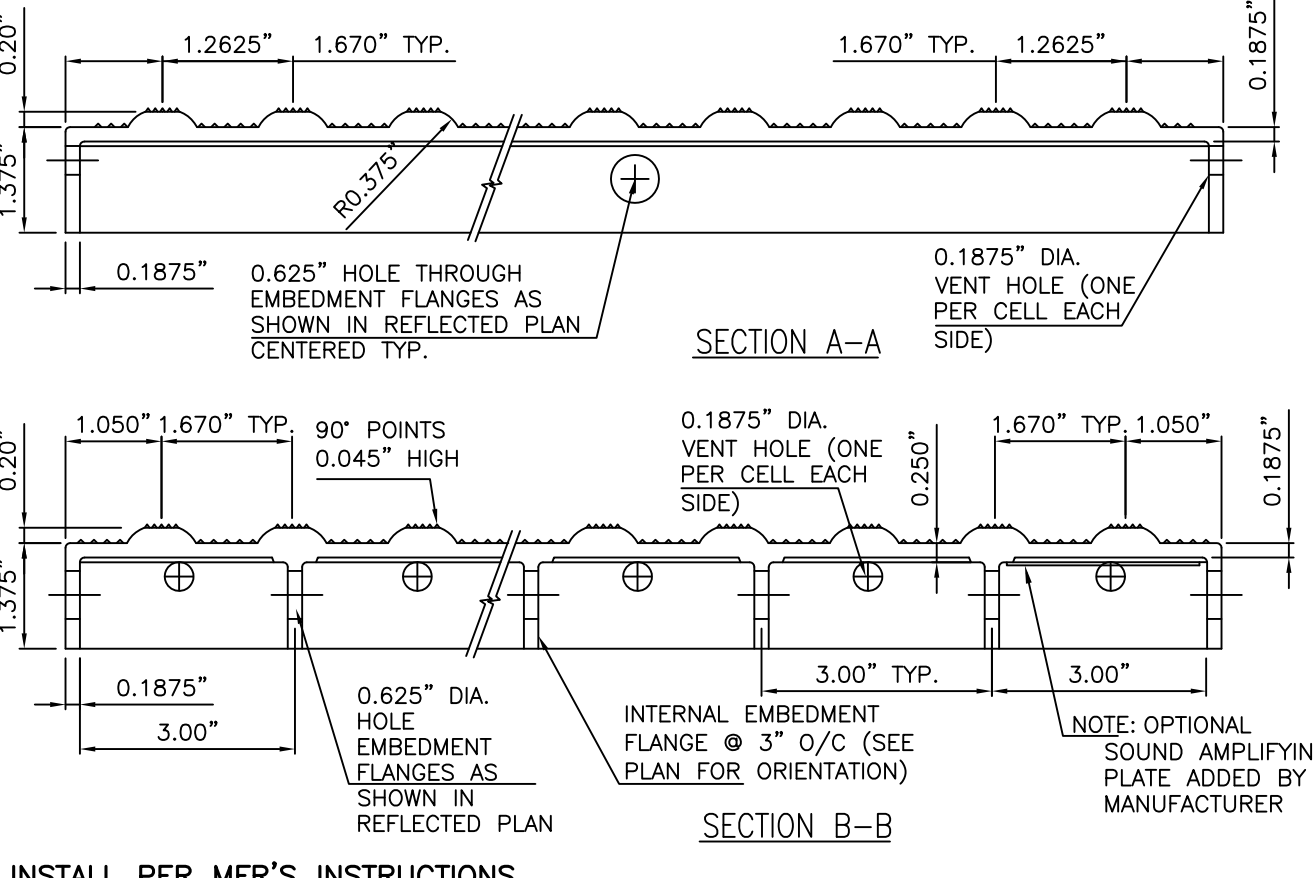
**HANDICAP PARKING SIGN**  
N.T.S.



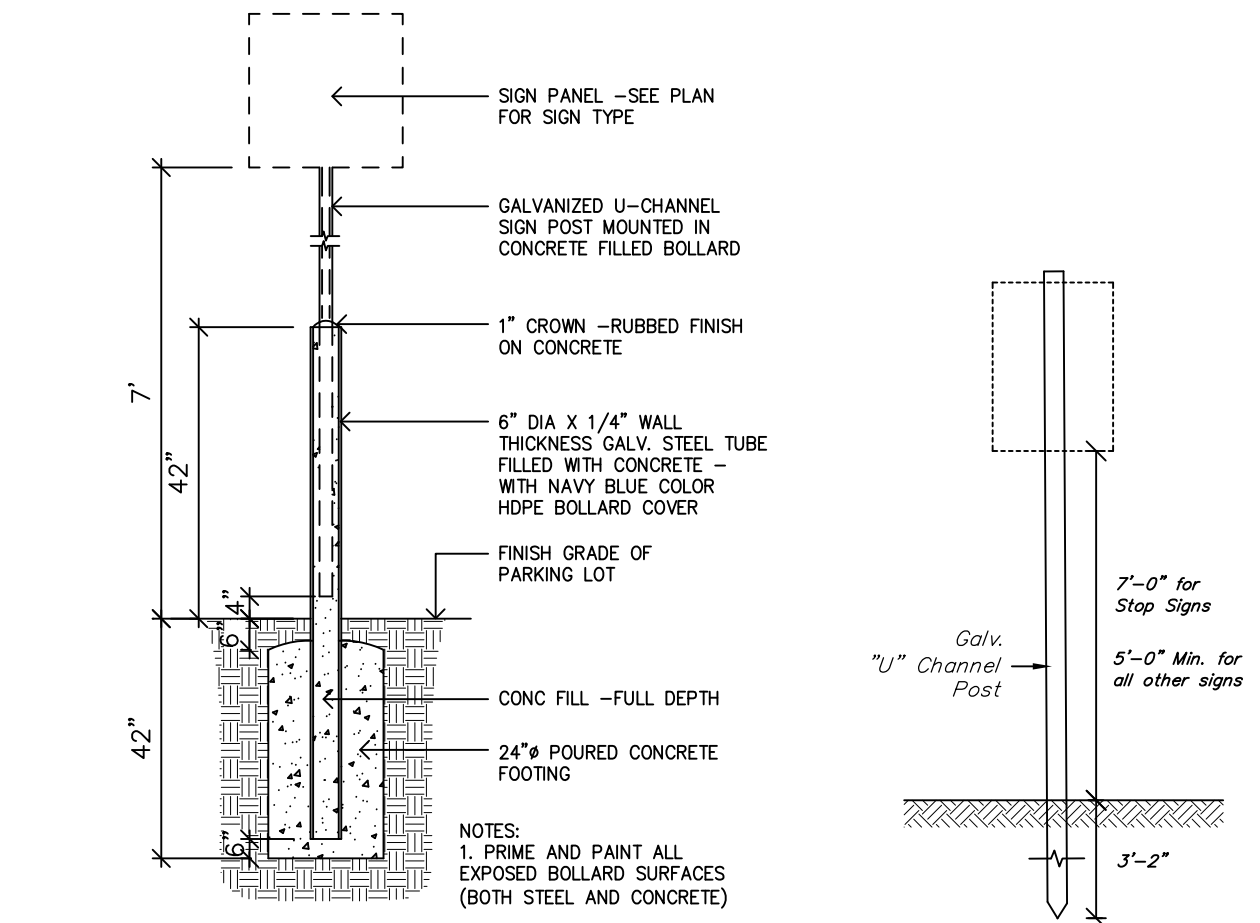
**TYPICAL HANDICAP PARKING SPACE PAVEMENT MARKING**  
N.T.S.



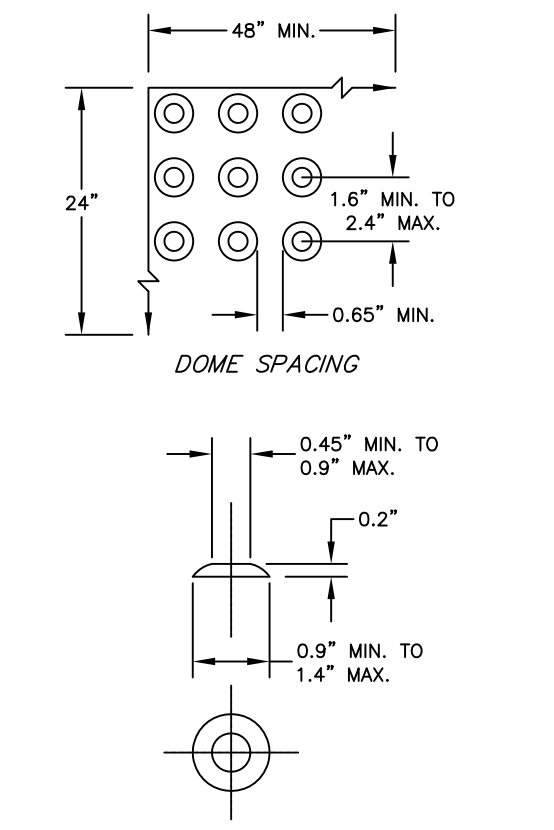
**STANDARD HANDICAP SYMBOL PAVEMENT MARKING**  
N.T.S.



**DETECTABLE WARNING DETAIL (CAST IN PLACE)**  
ARMOR-TILE OR APPROVED EQUAL  
N.T.S.



**SIGN MOUNTED IN STEEL BOLLARD**  
N.T.S.



**METAL SIGN DETAIL**  
N.T.S.

**DETECTABLE WARNING AREA**  
N.T.S.

Approved by the Montville Planning and Zoning Commission  
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