

|    | ZONING AREA & BULK R                                   | EQUIREMEN                  | ITS - WILTON              | CENTER (29                 | 9-6.E)                     |
|----|--|----------------------------|---------------------------|----------------------------|----------------------------|
|    | Standard   | Existing<br>Requirement    | Proposed<br>Requirement 1 | Existing                   | Proposed                   |
| 1  | Minimum Front Yard                                     | 10'                        |                           | 10.8'                      | 10.0'                      |
| 2  | Maximum Front Yard                                     | 20'                        |                           | 10.8                       |                            |
| 3  | Minimum Side Yard (Each)                               | 0'                         |                           | 21.4'                      | 11.4'                      |
| 4  | Minimum Rear Yard                                      | 20'                        |                           | 150.2'                     | 20.0'                      |
| 5  | Minimum Parking & Loading Setbacks (side & rear yards) | 0'                         |                           | 2.3' / 2.2'                | 14.4' / 36'                |
| 6  | Maximum Building Height (Stories/Feet)                 | 3 / 42'                    | NOTE 1                    | 3 Stories                  | 4 Stories / 51.4'          |
| 7  | Maximum Building coverage (%)                          | 30                         | NOTE 1                    | 14.6                       | 62                         |
| 8  | Maximum Site Coverage (%)                              | 80                         |                           | 63.9                       | 73                         |
| 9  | Minimum Lot Size (acres)                               | No Minimum                 |                           | 0.625 acres<br>(27,246 sf) | 0.625 acres<br>(27,246 sf) |
| 12 | Maximum Floor Area Ratio (F.A.R)                       | 0.50                       | NOTE 1                    | 0.40                       | 1.914                      |
|    | Maximum Density - (29-6.C.4.b)<br>(Multi-Family)       | 5 Units / Ac<br>(3 Unites) | NOTE 1                    | N/A                        | 32 Units                   |
|    | Required Affordable Housing Unit                       | N/A                        | NOTE 1                    | N/A                        | 4 Units                    |

. Refer to the submitted text amendment draft language. Calculated average grade of 183.10 B. Per Town of Wilton Assessor's data. 4. Information from Granoff Architects

| Parking Requirements (29-8.B)               |            |                               |          |                        |  |  |
|---|------------|-------------------------------|----------|------------------------|--|--|
| Use   | Rate       | Proposed<br>Rate <sup>1</sup> | Quantity | Total                  |  |  |
| Studio or 1-Bedroom Unit<br>(29-8.b.5.a(2)) | 1.0 / Unit | NOTE 1                        | 13 Units | 13 Spaces              |  |  |
| 2 & 3-Bedroom Unit<br>(29-8.b.5.a(2))       | 2.0 / Unit | NOTE 1                        | 19 Units | 38 Spaces              |  |  |
|   | 51 Spaces  |                               |          |                        |  |  |
| Total Provided Parking                      |            |                               |          | 42 Spaces <sup>2</sup> |  |  |

1. Refer to the submitted text amendment draft language. 2. Includes 8 spaces maintained on 23 Hubbard Road property as depicted in deed of record Vol. 522, Pg. 143

## **GRADING & DRAINAGE INSET**

- These drawings are intended only to depict the design of site grading, drainage, sanitary, utilities and sediment & erosion controls. These drawings are for approval purposes only. No construction may begin prior to obtaining all necessary permits and approvals.
- All survey data, boundary lines, topography, building locations and area calculations are from a survey prepared by Redniss & Mead, Inc. entitled Property & Topographic Survey dated April 22, 2022 and revised lune 9, 2022. Elevations depicted or labeled are based on NAVD-88.
- Refer to plans prepared by Granoff Architects for information and design of the proposed buildings. These
- drawings depict site plans corresponding to the latest architectural plans received from Granoff Architects received on August 30, 2022.
- Property lies in the Wilton Center District Zone.
- All construction shall comply with the Town of Wilton requirements, the State of Connecticut Basic Building Code Americans with Disabilities Act (ADA), the Connecticut Guidelines for Soil and Erosion and
- Sediment Control, OSHA, and CT DOT Form 818 (latest edition). All development activities to be undertaken within the street right-of-way and other public lands shall comply fully with Town standards unless approved deviation is specifically set forth as part of this
- application. All work within the State right-of-way will comply with the CT DOT Form 818 with the latest special Provisions and Typical State Standard Details. Contractor shall supply complete shop drawings including manufacturer's product data sheets to the Site
- Engineer, for all construction material used in conjunction with these drawings. Contractor shall allow a 5 day review period, prior to fabrication and installation. Information on existing utilities has been compiled from various sources including utility company records,
- municipal record maps and field survey and is not guaranteed to be correct or complete. The contractor is solely responsible for determining actual locations and elevations of all utilities including underground
- 7. The property is served by public water and sewer system. 0. Prior to any excavation the Contractor and/or Applicant, in accordance with Public Act 77-350, shall be required to contact "Call Before You Dig" at I-800-922-4455 for mark-out of underground utilities. Dig test pit(s) at utility crossing(s) to check actual clearances with new utilities prior to construction. If
- It shall be the responsibility of the contractor to provide any excavation safeguards, necessary barricades, flagmen, etc., for traffic control and site safety. All work shall be done in accordance with OSHA

conflicts are found the contractor shall notify the engineer, at which time the sewer in question shall be

redesigned. If such redesign is not possible, the existing pipes or utilities shall be relocated to avoid the

conflict. Such relocation shall be done with knowledge of and in accordance with the owner of the utility.

- requirements. The contractor shall be responsible for compliance with OSHA requirements. 12. When preparing the existing site for the proposed development, all materials removed shall be disposed of in conformance with all governing agencies.
- 13. Remove stumps and brush from site, or chip and use during landscaping. Do not bury stumps on site.
- 14. Building elevations are subject to change and shall be finalized prior to building permit.
- 5. Special attention of the contractor is called to the required type and compaction of pipe bedding and backfill specified on these drawings. These requirements will be strictly enforced.
- 16. Prior to issuance of a Certificate of Occupancy, the Engineering Bureau may require a certification letter stating that the development was constructed in accordance to the approved plans, and an "as-built"
- 7. The Contractor is responsible for coordinating with a licensed surveyor to prepare an "as-built" plan. The Contractor is responsible to coordinate with a site engineer 48 hours prior to any inspections

8. The Engineering Department and the inspecting engineer shall be notified by the contractor three (3) days

- prior to the commencement of each phase of construction 19. The work shall be done in conformance with the contract documents/plans unless changes have been
- approved in writing by the design engineer prior to the work being done.
- 20. A preconstruction meeting shall be held with the Owner, Architect and Engineer to review the scope of construction. The Contractor shall be responsible to coordinate the preconstruction meeting.
- **EARTHWORK & GRADING:**

drawing shall be submitted

- 21. Grade away from building walls at 2% minimum (typical).
- 22. Earth slopes shall be no steeper than 2:1 (horz.:vert.)

passes of the compacting equipment being used.

- 23. General fill beyond paved areas shall be free of brush rubbish, stumps and stones larger than 8". Fill shall be placed in compacted layers not to exceed 8" in thickness. The dry density after compaction shall not be less than 95% of the Standard Proctor Test and done in accordance with the requirements of ASTM D698. After compacting, the fill shall be 4" below the required grade as shown on the plan
- 24. General fill may be till, loam, sand or gravel mixture classified as SP, SW, SM, GP, GM, ML per the United Soil Classification System. It shall have not more than 40% fines passing the #100 sieve, not more than 8% passing the #200 sieve, and no stones larger than 8".
- Subgrade and fill shall be uniformly compacted by the use of equipment manufactured for that purpose. Rollers shall deliver a ground pressure of not less than 300 pounds per linear inch of contact width and weigh not less than 10 tons. Vibratory units shall have a static weight of not less than 4 tons. The amount of compactive effort shall be as directed by the Engineer, but in no case shall be less than 4 complete
- 26. Disturbed areas shall be top soiled, seeded with grass and mulched in a manner conforming to the recommendations of the "Guidelines for Soil Erosion and Sediment Control", published by The Connecticut Council on Soil and Water Conservation, May 2002.
- 27. After the areas to be topsoiled have been brought to grade, the subgrade shall be loosened by scarifying to a depth of at least 2" to ensure bonding of the topsoil and subsoil.
- 28. Topsoil shall be friable and loamy with high organic content. It shall be free of debris, rocks larger than 2" and roots. Topsoil shall have at least 1.5 percent by weight of fine textured stable organic material and no greater than 6 percent. Topsoil shall not have less than 20% fine textured material (passing the No, 200 sieve) and not more than 15% clay. pH range shall be 6.0-7.5 and soluble salts shall not exceed 500ppm.
- 29. Fill or topsoil shall not be placed nor compacted while in a frozen or muddy condition or while subgrade is
- 30. Excavation for pipes or concrete pavement repair may require either a braced excavation or open cut designed according to the requirements of OSHA, 29 CFR Part 1926. The lateral support systems and slopes should also be designed such that building footings, slabs on grade, adjacent pavement and existing ut ilities are protected and supported and not allowed to settle. The contractor shall be responsible for having a Professional Engineer, registered in the State of Connecticut design the excavation support method. The designs shall be submitted to the owner or his geotechnical engineer for review. The contractor shall submit plans showing the type, limits, design and sequence of construction for the lateral
- During the excavation, it is anticipated that existing utilities and sewers may be exposed. The contractor shall provide protection and support of these facilities and repair any damage caused by the work in a manner satisfactory to the owner. The condition of the existing facilities shall be observed by the owner's representative who shall determine if the facilities shall be replaced. Replacement of the facilities shall be done in a manner satisfactory to the owner and in compliance with applicable Codes.

## **STORM AND SANITARY SEWER SYSTEMS:**

- 32. All pipe shall be installed straight and at the vertical and horizontal alignment shown. Pipes shall have a uniform slope as specified.
- 33. Minimum cover on all pipes shall be two feet (2') unless otherwise noted.
- All storm pipe specified as Poly Vinyl Chloride Pipe (PVCP) shall be SDR 35 with rubber gasketed joints and meet the requirements of ASTM D3034 and D3212.

existing pipes or utilities shall be relocated to avoid conflict.

- 35. All High Density Polyethylene Pipe (HDPE) for the stormwater system shall be ADS N-12 or equivalent
- with O-Ring joints (Pro-series) suitable for water tight installations. 36. All sanitary sewer pipe shall be Poly Vinyl Chloride Pipe (PVCP) and shall be Schedule 40 with solvent weld
- 37. Dig test pits at utility and sewer crossings to check actual clearances with these facilities prior to construction. Dig test pits at the connection points to existing sanitary sewer pipes to confirm that the elevation of the proposed gravity sewer is appropriate. If conflicts are found the contractor shall notify the engineer at which time the sewer in question shall be redesigned. If such redesign is not possible, the
- 38. All area drains shall have a two foot (2') sump with bell traps or 90° PVC elbows.
- 39. All existing and proposed area drains, junction boxes and utility facilities shall be raised or lowered to be
- 40. Locate and abandon existing sanitary laterals at the property line with the end capped and mortared.
- Other existing utilities shall be abandoned in accordance with the requirements of the utility owner(s). 41. When connecting new pipes to existing structures such as manholes and catch basins, the structure shall be completely cleaned out. The hole made in the structure shall be made as small as possible. The structure shall be repaired to match its original type of construction. The joint between the structure and the pipe shall be made watertight by filling the joint with mortar.
- 42. Flow in existing sewer system must not be interrupted. Any temporary routing of this sewer flow must be
- done in conformance with all applicable rules and regulations. 43. Under no circumstances shall trench water be allowed to drain off through sanitary sewer lines.
- 44. All crushed stone shall be Gradation No. 4 as per CT DOT Form 818, Article M.01.02. Stone shall consist of sound, tough, durable particles free from soft, thin, elongated, laminated, friable, micaceous, or disintegrated pieces of mud, dirt or other deleterious material.
- Practice for Low Pressure Air Testing of Installed Sewer Pipe" UNI B-6. The minimum starting pressure for the test is 3.5 P.S.I. (in excess of the groundwater pressure at the top of the pipe) and there shall be no more than 0.5 P.S.I. drop in five (5) minutes. Manholes to be visually inspected. Lateral plugs shall be airtight to allow proper testing. Inspecting Engineer and the Engineering Bureau shall be informed of testing schedule three days in advance so they can witness the testing. 46. At the end of construction, after the site has be fully stabilized, all new and previously existing storm

45. Sanitary Sewer Testing: The sanitary sewer line shall be Low Pressure Air Tested, at the expense of the contractor; Testing to be in accordance with recommended procedure in "Unibell's" "Recommended

sewer facilities including, but not limited to, catch basins, area drains, manholes, junction boxes, flow control structures, pipes, oil grit separators, permeable pavers and porous pavement shall be fully cleaned with equipment designed for that purpose to the satisfaction of the inspecting engineer.

- 47. Utilities shown on these plans are "not guaranteed" to be complete or correct. Prior to any site activities, the contractor shall be responsible for verification of clearances of proposed utilities from existing utilities. This verification shall include physical observation by means of test pits of the locations of affected utilities. The contractor shall notify the site engineer immediately of any conflict.
- 48. Easements may be required in favor of the various utility companies.
- 49. Electric, telephone, cable, and water services shall be installed in conformance to the requirements of the
- 50. It is the contractor's responsibility to install utilities as shown on this sheet. The contractor shall work with the utility companies and site engineer to insure the installation is in conformance to the requirements of the governing utility company. All conduits shall be concrete encased as may be required by the governing utility company. Proposed electric, telephone, cable and water services are shown for schematic purposes only and are subject to change pending utility company review. These utilities shall be designed by others and installed in conformance to the requirements of the governing utility companies.
- 51. All proposed utility facilities shall be raised or lowered to be flush with finished grade.
- 52. Where necessary, existing utilities shall be reinstalled to meet all minimum coverage requirements.
- 53. Utility connections at building face shall be coordinated with the building contractors.
- 54. The contractor must supply and install drag lines with all conduits.
- 55. Assume one 2" PVCP conduit for all site lighting. Service location to be determined. 56. In general, each utility shall have a minimum clearance of three feet to any other underground utility.
- 57. Any and all utilities abandoned shall be capped or removed in accordance with utility companies'

- 60. Detectable Tape shall be used to mark piping listed below. The identification tape shall be buried at least 6-inches to 10-inches below final grade but no closer than 12-inches to the buried utility piping or service Caution Electric Line Buried Below Telephone & Control Caution Telephone Line Buried Below Caution Gas Line Buried Below Natural Gas Water Systems

58. Existing fire valves shall be cut flush to grade in accordance with Aquarion Water Company requirements

59. The electric transformer and generator shall be located to meet all applicable Zoning setbacks.

Caution Water Line Buried Below Fire Protection Systems Caution Fire Line Buried Below Sprinkle

Conc. N/A

Caution Sprinkler Line Buried Below Sewer

Caution Sewer Line Buried Below

61. Underground-Type Plastic Line Marker: Manufacturer's standard permanent, bright-colored detectable tape, continuous-printed plastic tape, intended for direct-burial service; not less than 6" wide X 4 mils

### **PAVEMENT AND PAVEMENT MARKINGS:**

shall be repaired at no additional cost to the owner.

IS & S Communication Conduit

Areas of asphalt pavement that are disturbed by the construction of this project shall be replaced in accordance with the asphalt pavement repair detail. The finished grade of asphalt paving shall blend to existing grade and the edge of the concrete pavement smoothly with no slopes exceeding 4%.

Orange

- Existing features such as but not limited to walks, curbs, and pavement damaged by construction activities
- Saw cut perimeter of area to be excavated. Saw cut shall be straight and vertical.
- Contractor shall engage a testing lab who shall verify the base course material by means of a sieve analysis and perform compaction testing of the base and each course of pavement. Site Engineer shall review with the contractor the required testing at the preconstruction meeting. Site Engineer shall approve base course prior to placement of each layer of pavement.
- The Contractor shall engage a qualified independent testing agency to perform field inspections and tests and to prepare test reports. Testing agency will conduct and interpret tests and state in each report whether tested work complies with or deviates from specified requirements.
- Additional testing, at Contractor's expense, will be performed to determine compliance of corrected work with specified requirements. Remove and replace or install additional hot-mix asphalt where test results or

measurements indicate that it does not comply with specified requirements as directed by the Site

- 68. Contractor is responsible to place the hot-mix asphalt mix as required in the drawings, details and the applicable Section of the CT DOT FORM 818 (latest edition).
- Compaction shall be constructed as specified in the CT DOT FORM 818 (latest edition), Section 4.06 specification, the drawings and the details. Testing lab shall verify compaction of each course of pavement as directed by the Site Engineer.
- After the asphalt pavement has cured sufficiently to support the weight of a water truck without marking the newly installed pavement, it shall be water tested for low spots, areas of little or no drainage, etc. A water truck shall spray a sufficient amount of water on all pavement sections to observe the drainage of water. There shall be positive drainage on all areas of the pavement. Any visible low spots where significant water (greater than or equal to 3/16" in depth) is left standing, shall be clearly marked for the Contractor to repair prior to final acceptance. These areas must be sawcut and removed down to the base course prior to replacement with asphalt mixture as per the original approved design. The base course and edges of sawcut asphalt must be treated with tack oil prior to new section of asphalt being
- The inspecting engineer and contractor will review the testing requirements at the preconstruction meeting. At this meeting, samples to be tested and compaction testing protocol will be discussed. Testing and approval of the subgrade, base course and asphalt layers prior to the installation of the next layer to determine if the work complies or deviates from the specified requirements. Prior to installation of the base course, contractor shall contact inspecting engineer to determine the suitability of the subgrade

installed. The Owner's Representative or inspecting A/E shall be notified 48 hours in advance of water

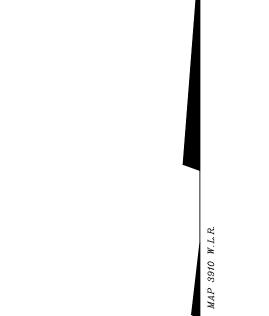
- material, base course and asphalt. Additional excavation or base course may be required. 72. Finished paving shall be free of ``bird baths" and be smooth at the slopes specified on the plans.
- 73. Finished grade shall be within 1/2 inch of that noted on the drawings.

test so that he may be present during the test.

- 74. The pavement shall be protected from vehicular traffic of any kind with the use of barricades, etc. for a minimum period of 24 hours after final rolling. Maintain and protect asphalt surface from scrapes, sears, spills, hydraulic leaks, and any other construction damage for the remainder of construction until Owner's Representative acceptance. Contractor is responsible for clearing, repairing, seal coating, patching, and
- Thicknesses of all layers shown are after compaction. Compact all layers to 95% per ASTM D 1557 (Modified Proctor Method).
- 76. All pavement striping and replacement shall conform to the Town of Wilton standards and the latest edition of AASHTO Highway Design Manual.

re-striping as necessary to obtain Owner's Representative's final approval/acceptance.

- DPW CONDITIONS 77. Easements shall be created portions of roadway and sidewalks providing pedestrians access that fall on the
- 78. Prior to construction brick samples along sidewalks shall be provided to match existing bricks. 79. Final design plans shall be submitted to DPW for review prior to the issuance of a Building Permit.
- 80. Prior to the issuance of a Certificate of Occupancy, a certified as-built drawing and certified letter signed by a Professional Engineer indicating that all work was completed in accordance with the design plans shall
- be submitted to the Town of Wilton. 81. Prior to any work in the Town Right of Way, a Road Opening Permit shall be obtained.
- 22. The project is subject to obtaining approvals from Wilton's WPCA Commission to connect additional units into the sanitary sewer system.
- Project is subject to Norwalk WPCA's review and comment. 84. The project will be subject to Sewer Capital Assessment as required by the WPCA.
- 85. No footing drains or sumps shall connect to the sanitary system.
- 86. Property owner shall be responsible for maintenance of the lateral and unclogging any potential clogs in the lateral and/or sewer main connection points.
- 87. All proposed sewer lines shall be air tests prior to sign off of the Certificate of Occupancy.
- 88. The project is subject to the final technical review by WPCA.



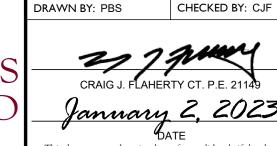
| 3   | 01/02/2023 | REVISED PER DPW COMMENTS             |
|-----|------------|--------------------------------------|
| 2   | 10/20/2022 | REVISED PER FIRE MARSHALL'S COMMENTS |
| I   | 09/30/2022 | ORIGINAL ISSUE DATE                  |
| No. | Date       | Revision                             |

# SITE DEVELOPMENT PLAN 12 GODFREY PLACE PREPARED FOR

**GREENWICH REALTY** 

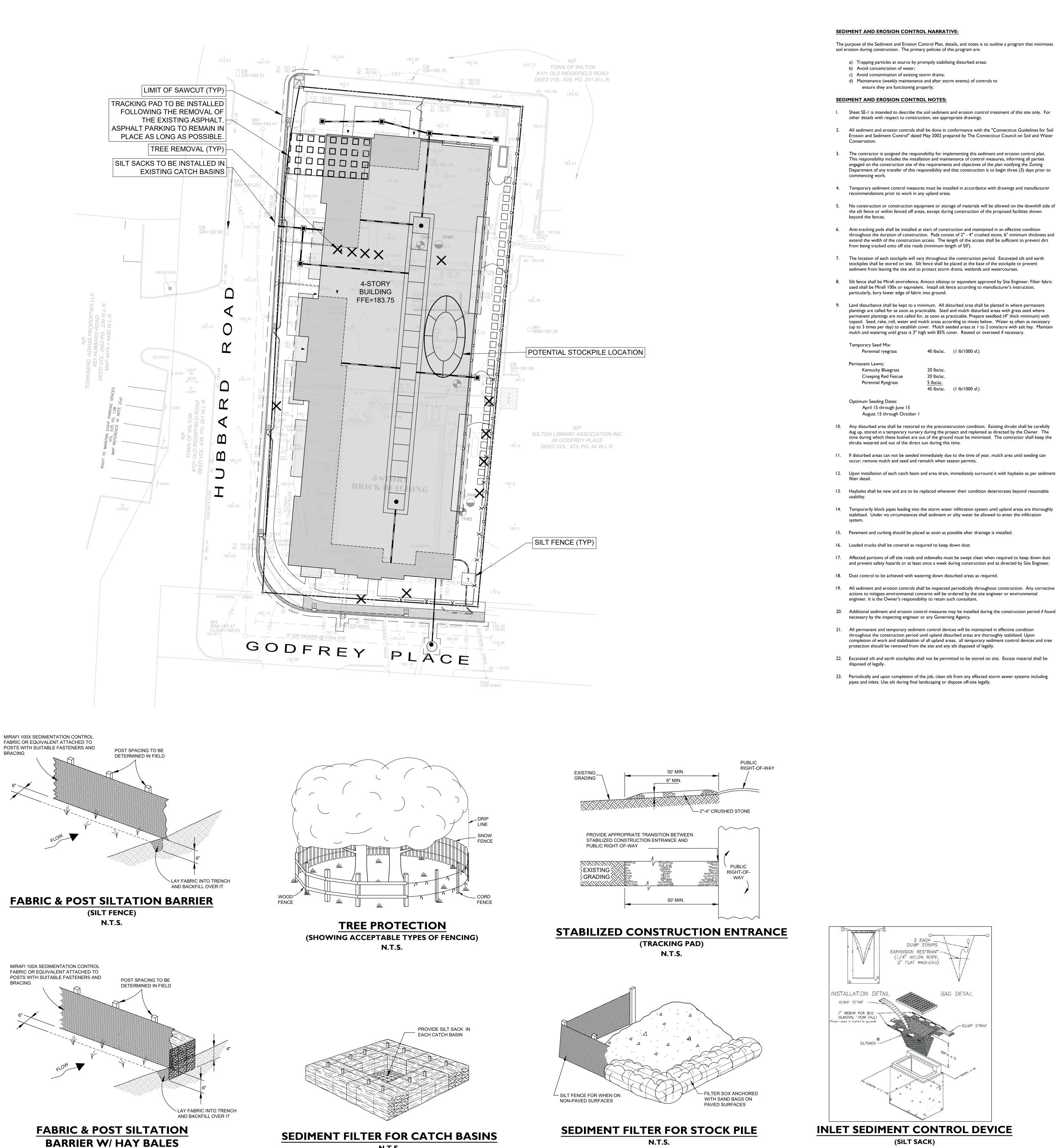
**DEVELOPMENT, LLC** 





LAND SURVEYING CIVIL ENGINEERING PLANNING & ZONING CONSULT PERMITTING

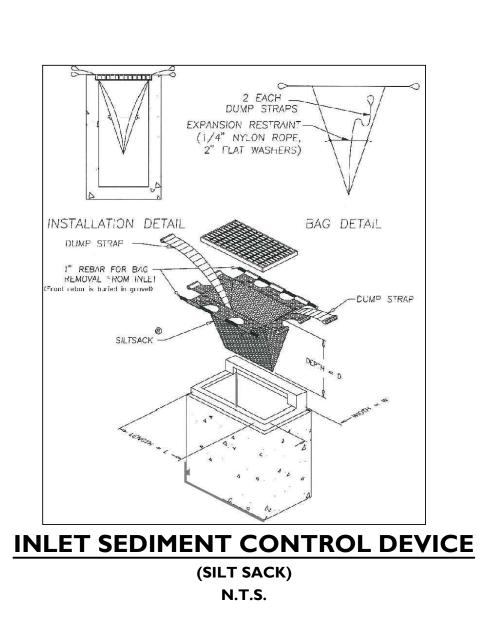
22 First Street | Stamford, CT 06905 Tel: 203.327.0500 | Fax: 203.357.1118 www.rednissmead.com



N.T.S.

(SILT FENCE)

N.T.S.



40 lbs/ac. (1 lb/1000 sf.)

20 lbs/ac.

5 lbs/ac.

#### **CONSTRUCTION PHASING:**

The following description of construction phasing is intended to demonstrate a feasible sequence of construction. The actual sequence may vary due to field conditions if approved by the inspecting engineer.

PHASE I: PREPARATION

- A. AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION, THE INSPECTING ENGINEER SHALL MEET WITH THE CONTRACTOR AND OWNER TO REVIEW THE SEDIMENT AND EROSION CONTROL (S&E PLAN), DISCUSS ANY MODIFICATIONS TO CONSTRUCTION SEQUENCE OR S&E PLAN AND TO REVIEW CONTRACTORS LOGISTICS PLAN.
- B. ESTABLISH STAGING AREA WITH TRAILERS AND TEMPORARY UTILITIES.
- C. INSTALL TRACKING PADS FOR CONSTRUCTION ACCESS.
- D. INSTALL SILT FENCE, CONSTRUCTION FENCE AND PERIMETER FENCE AS SHOWN ON THE
- E. CUT TREES TO BE REMOVED AND GRUB AREAS TO BE CLEARED.
- REMOVE/DEMOLISH EXISTING BUILDING. REMOVE EXISTING PAVEMENT ONLY AS NECESSARY TO PROCEED WITH EACH PHASE OF CONSTRUCTION.

#### PHASE II: CONSTRUCTION

- A. ROUGH GRADE SITE. GENERAL EARTHWORK. EXCAVATE FOR BUILDING FOUNDATION. INSTALL CONSTRUCTION DEWATERING AND TEMPORARY FILTERING SYSTEM AS NECESSARY. COORDINATE DEWATERING CONSTRUCTION WITH SITE GEOTECHNICAL AND STRUCTURAL ENGINEERS. (NOTE: MANAGEMENT OF EXCAVATED MATERIALS DURING THIS PROCESS SHALL BE ACHIEVED BY TEMPORARILY STOCKPILING ONSITE TO THE EXTENT CONSTRUCTION STAGING WILL ALLOW AND BY HAULING MATERIAL OFFSITE AS EXCAVATED).
- B. CONSTRUCT FOUNDATION AND BACKFILL AS SOON AS POSSIBLE.

RECEIVE STORM WATER PRIOR TO THE INSTALLATION OF PAVING.

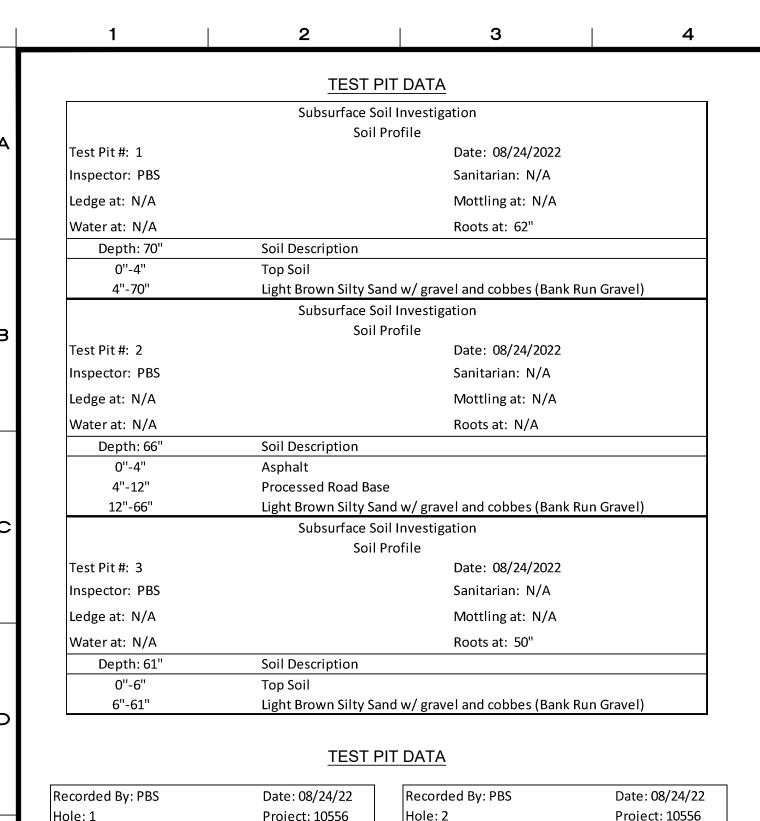
- INSTALL STORM WATER SYSTEM. THE DRAINAGE UTILITIES WILL BE INSTALLED AND READY TO
- D. INSTALL SEDIMENT AND EROSION CONTROLS ASSOCIATED WITH DRAINAGE STRUCTURES.
- E. INSTALL SANITARY, WATER, CABLE, ELECTRIC, AND TELEPHONE UTILITIES. F. FINAL GRADING AND PAVING.
- G. SEED & MULCH DISTURBED AREAS AND INSTALL LANDSCAPING AS SOON AS POSSIBLE.
- H. MAINTAIN ALL SEDIMENT AND EROSION CONTROLS IN AN EFFECTIVE CONDITION DURING THE CONSTRUCTION PERIOD.

### PHASE III: CLEAN UP AFTER ALL AREAS ARE STABILIZED

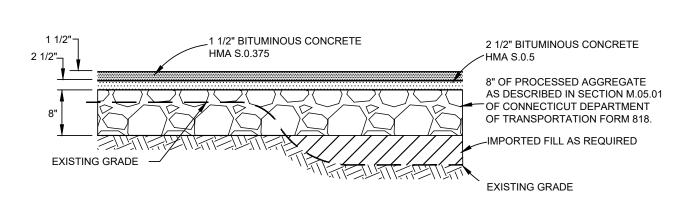
- A. CLEAN EFFECTED PORTION OF ON & OFF SITE ROADS AND DRIVEWAYS.
- B. REMOVE ACCUMULATED SILT AND DEBRIS FROM CATCH BASIN SUMPS & PIPES OF EFFECTED ON
- C. REMOVE ACCUMULATED SEDIMENT FROM EFFECTED AREAS AND DISPOSE OF LEGALLY.
- D. REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL AND TREE PROTECTION.
- E. MAKE ANY NECESSARY REPAIRS TO PERMANENT SEDIMENT AND EROSION CONTROLS SUCH AS PLANTINGS.

I 09/30/2022 ORIGINAL ISSUE DATE No. Date Revision **SEDIMENTATION & EROSION CONTROL PLAN** DEPICTING **12 GODFREY PLACE** WILTON, CT PREPARED FOR **GREENWICH REALTY DEVELOPMENT, LLC** LAND SURVEYING CIVIL ENGINEERING PLANNING & ZONING CONSULT PERMITTING 22 First Street | Stamford, CT 06905 Tel: 203.327.0500 | Fax: 203.357.1118 www.rednissmead.com

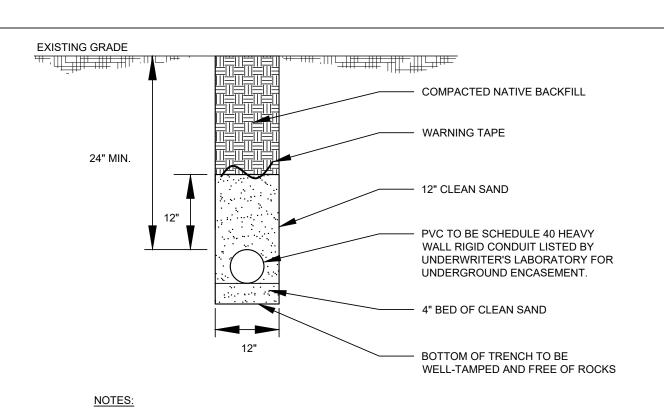
2 01/02/2023 REVISED PER DPW COMMENTS



| Hole: 1         |                     | Project: 10556 | Hole: 2         | Hole: 2             |               |  |
|-----------------|---------------------|----------------|-----------------|---------------------|---------------|--|
| Depth: 24"      |                     | Diameter: 8"   | Depth: 24"      |                     | Diameter: 8"  |  |
| 9:00 AM         |                     | 1:02 hrs       | 9:00 AM         |                     | 1:00 hrs      |  |
|                 | rm Drop: 6/16 inc   |                |                 | orm Drop: 8/16 ind  |               |  |
| Percolation Rat | e = 1"drop in 13.33 | 3 minutes      | Percolation Rat | e = 1"drop in 10.00 | minutes       |  |
| Time            | Reading In          | Increment Drop | Time            | Reading In          | Increment Dro |  |
|                 | Inches Total        | In Inches      | Time            | Inches Total        | In Inches     |  |
| 10:02 AM        | 5 4/16              | -              | 10:00 AM        | 9 4/16              | -             |  |
| 10:07 AM        | 6 7/16              | 1 3/16         | 10:05 AM        | 10 10/16            | 1 6/16        |  |
| 10:12 AM        | 7 6/16              | 15/16          | 10:10 AM        | 12                  | 1 6/16        |  |
| 10:17 AM        | 8 4/16              | 14/16          | 10:15 AM        | 12 12/16            | 12/16         |  |
| 10:22 AM        | 8 12/16             | 8/16           | 10:20 AM        | 13 10/16            | 14/16         |  |
| 10:27 AM        | 9 2/16              | 6/16           | 10:25 AM        | 14 6/16             | 12/16         |  |
| 10:32 AM        | 9 8/16              | 6/16           | 10:30 AM        | 14 14/16            | 8/16          |  |
| 10:37 AM        | 9 14/16             | 6/16           |                 | Fill                |               |  |
| 10:42 AM        | 10 5/16             | 7/16           | 10:30 AM        | 10 10/16            | 10 10/16      |  |
| 10:47 AM        | 10 11/16            | 6/16           | 10:35 AM        | 11 13/16            | 1 3/16        |  |
| 10:52 AM        | 11 1/16             | 6/16           | 10:40 AM        | 12 10/16            | 13/16         |  |
| 10:57 AM        | 11 7/16             | 6/16           | 10:45 AM        | 13 2/16             | 8/16          |  |
| 11:02 AM        | 11 13/16            | 6/16           | 10:50 AM        | 13 11/16            | 9/16          |  |
|                 | ,                   | ,              | 10:55 AM        | 14 3/16             | 8/16          |  |
|                 |                     |                | 11:00 AM        | 14 11/16            | 8/16          |  |

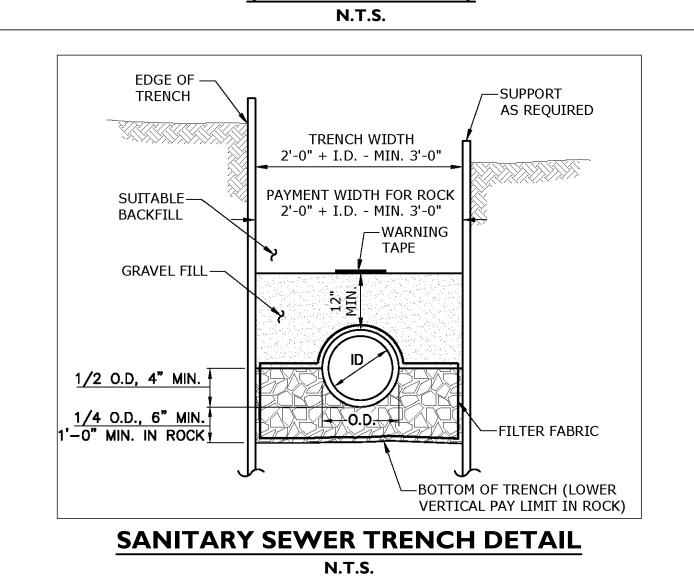


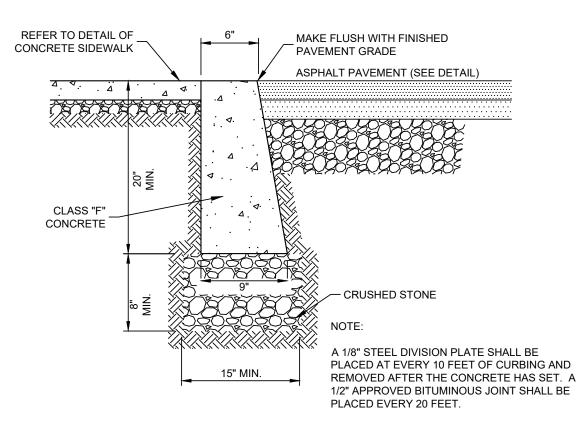
## **PAVEMENT DETAIL**



1. IF 24" OF COVER CANNOT BE OBTAINED OVER THE CONDUIT, CONDUIT SHALL BE CONCRETE ENCASED. 2. ALL BACKFILL MATERIAL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557.

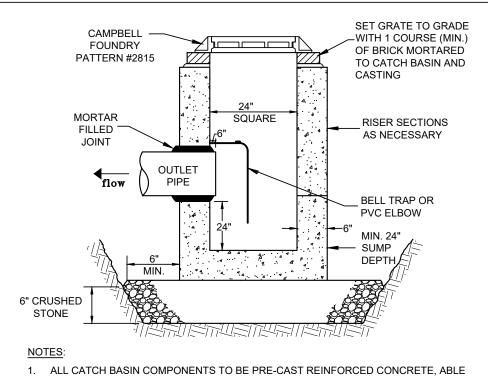
## LIGHTING CONDUIT TRENCH DETAIL (SAND BEDDING)





# **FLUSH CONCRETE CURB**

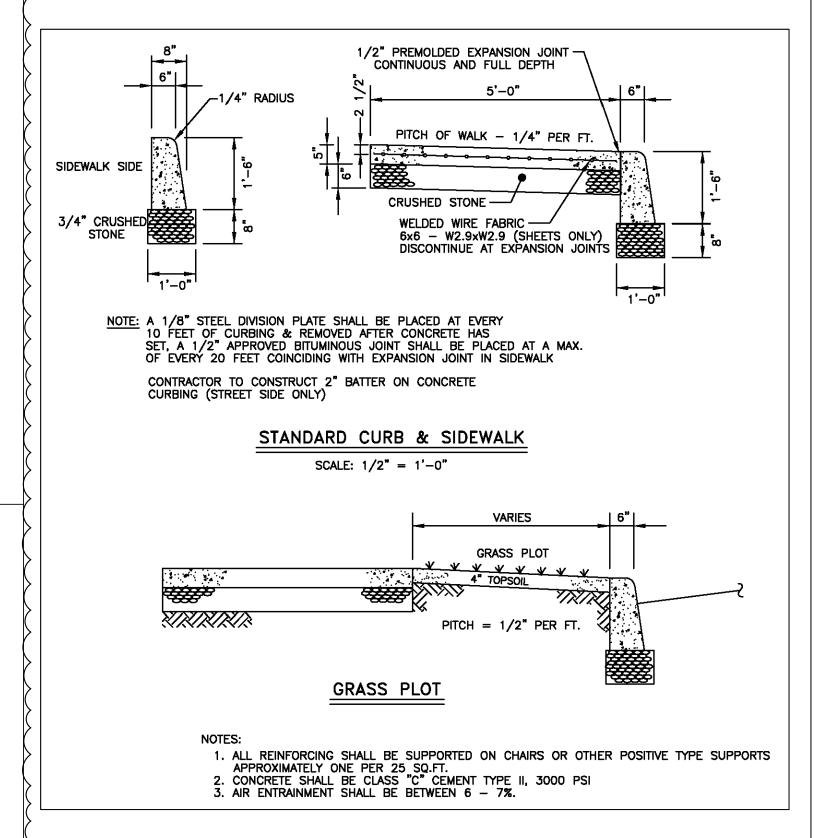
N.T.S.

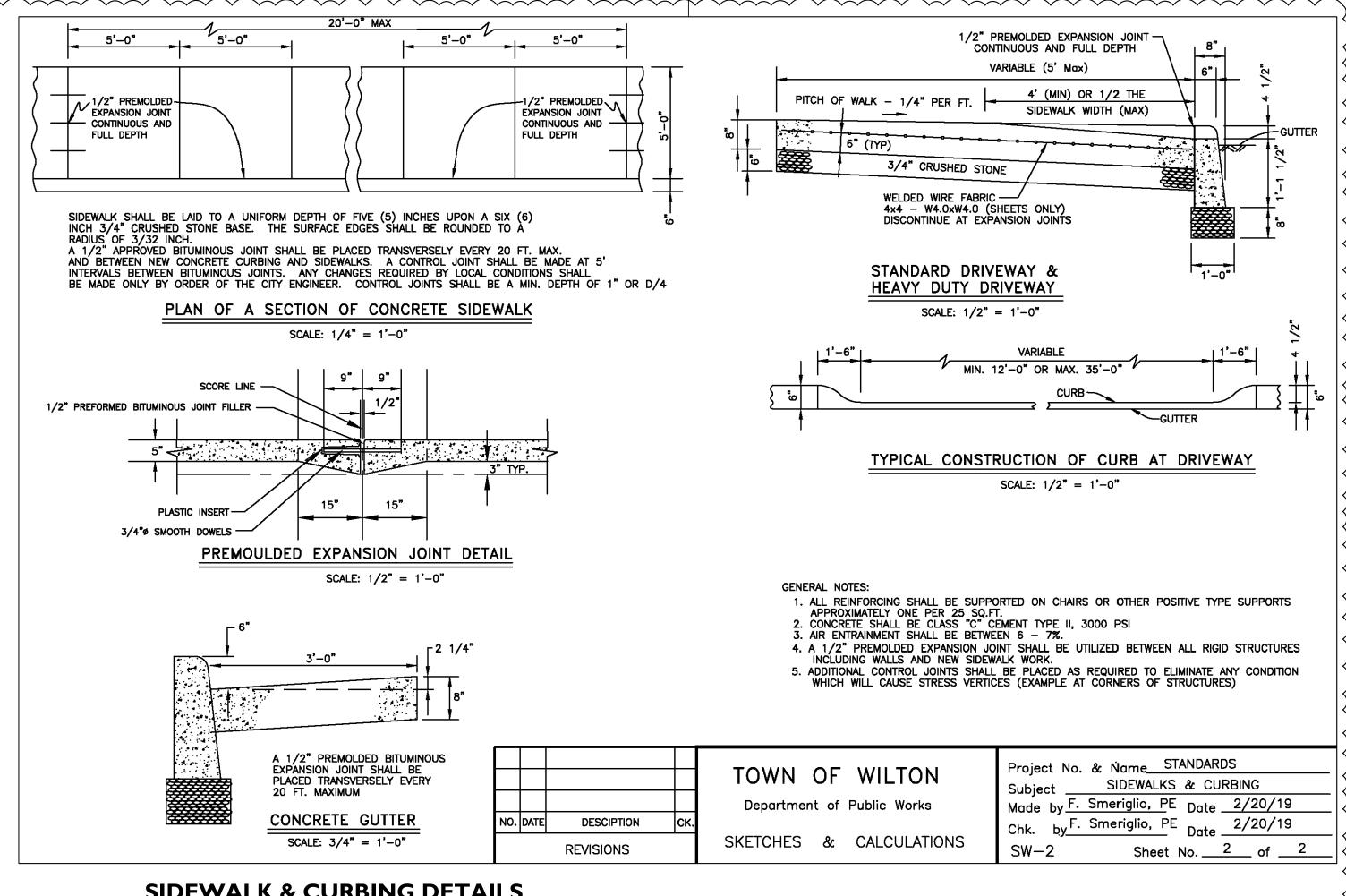


TO WITHSTAND THE APPLIED EARTH LOADS WITH AN H-20 TRUCK LOAD. 2. ALL JOINTS TO BE MORTARED. 3. AREA DRAIN SHALL CONFORM TO ASTM C478.

4. ALL CRUSHED STONE SHALL BE GRADATION NO. 4 AS PER CT D.O.T. FORM 818, ARTICLE M.01.01. STONE SHALL CONSIST OF SOUND, TOUGH, DURABLE PARTICLES FREE FROM SOFT, THIN, ELONGATED, LAMINATED, FRIABLE, MICACEOUS OR DISINTEGRATED PIECES, MUD, DIRT OR OTHER DELETERIOUS MATERIAL.

> **24" AREA DRAIN** N.T.S.





# **SIDEWALK & CURBING DETAILS**

SET GRATE TO GRADE WITH 1 CAMPBELL FOUNDRY PATTERN #2802 MORTARED TO CATCH BASIN ■ PRECAST CONCRETE BOX REFER TO INVERT DETAIL KNOCKOUTS AS MORTAR FILLED NECESSARY (TYP) CRUSHED STONE \_ . ALL COMPONENTS TO BE PRE-CAST REINFORCED CONCRETE, ABLE TO WITHSTAND THE APPLIED EARTH LOADS OF AN H-20 TRUCK LOAD. 2. ALL JOINTS TO BE MORTARED.

UNDISTURBED MATERIAL.

- 3. JUNCTION BOXES SHALL CONFORM TO ASTM C478.
- 4. ALL CRUSHED STONE SHALL BE GRADATION NO. 4 AS PER CT D.O.T. FORM 818, ARTICLE M.01.01. STONE SHALL CONSIST OF SOUND, TOUGH, DURABLE PARTICLES FREE FROM SOFT, THIN, ELONGATED, LAMINATED, FRIABLE, MICACEOUS OR DISINTEGRATED PIECES, MUD, DIRT OR OTHER DELETERIOUS MATERIAL.

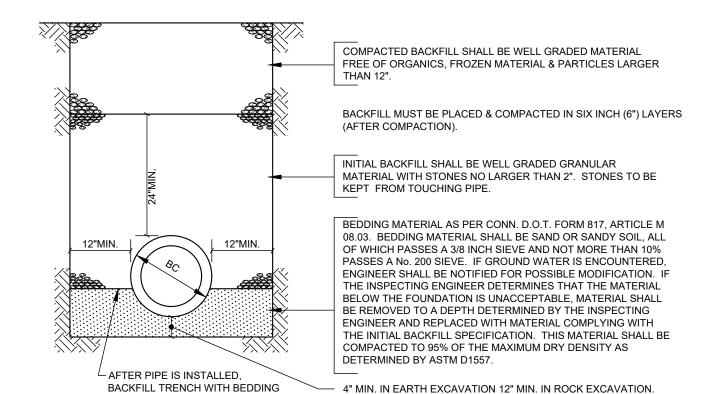
## **JUNCTION BOX**

N.T.S.

WATER STOP: 10' UPSTREAM OF STRUCTURES AND WHERE SHOWN, FOUNDATION MATERIAL, BEDDING, HAUNCHING, INITIAL BACKFILL, AND THE BOTTOM FOOT OF GENERAL BACKFILL TO BE REPLACED WITH SM, SC, OR ML SOIL AS PER UNIFIED SOIL CLASSIFICATION SYSTEM" WITH MAXIMUM PARTICLE SIZE OF 1-1/2", FOR 3 LINEAR FEET OF TRENCH. WATER STOP TO BE KEYED INTO TRENCH BOTTOM AND WALLS A MINIMUM OF ONE FOOT. NO STONES LARGER THAN 6" SHALL BE WITHIN 12" OF THE PIPE. ALL FOUNDATION, INITIAL BACKFILL & BACKFILL MATERIAL TO BE APPROVED BY THE INSPECTING ENGINEER. ANY DEVIATION FROM THESE METHODS & MATERIALS MUST BE APPROVED IN WRITING BY THE INSPECTING ENGINEER.

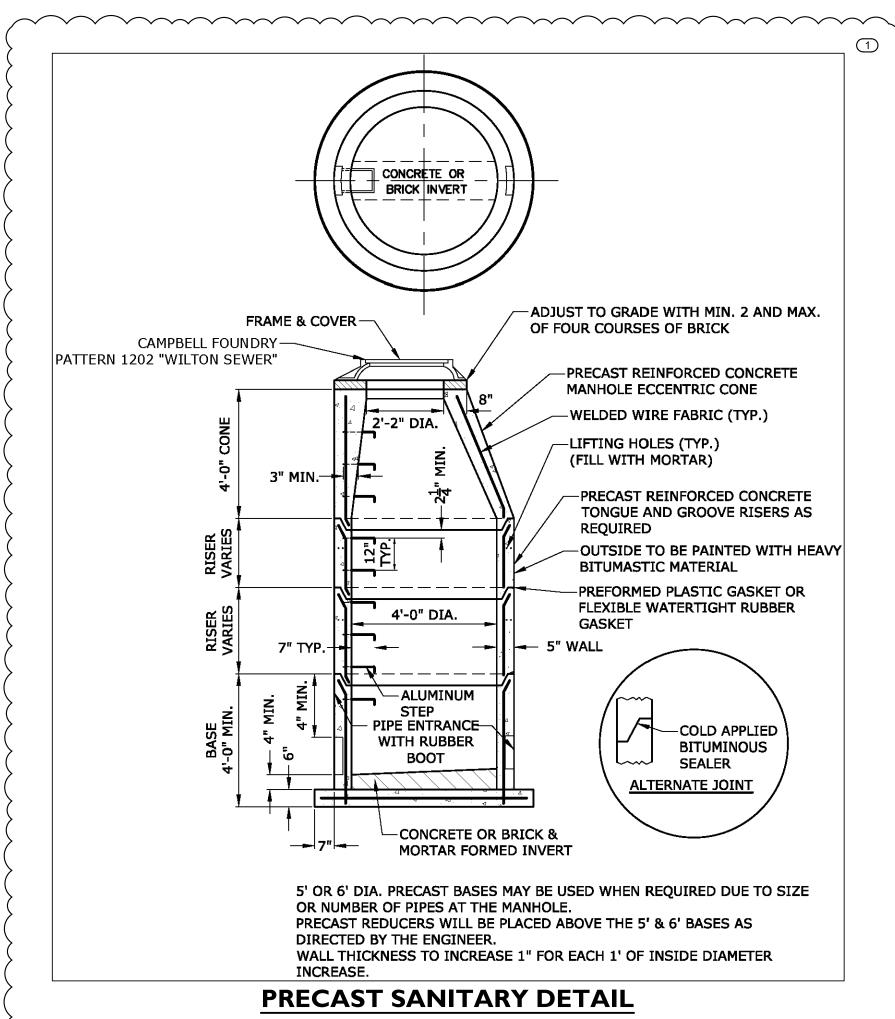
ALL MATERIAL TO BE COMPACTED TO 95% OF THE MAX. DRY DENSITY AS DETERMINED BY ASTM D1557, EXCEPT COMPACTED

BACKFILL" NOT UNDER PAVEMENT WHICH SHALL BE COMPACTED TO A DENSITY AT LEAST EQUAL TO THAT OF THE ADJACENT

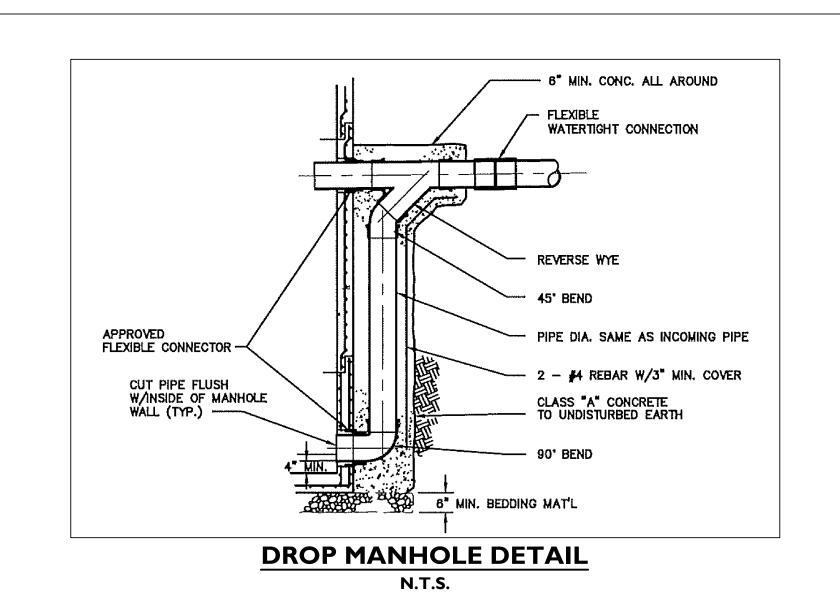


**PVC/RCP PIPE TRENCH BEDDING DETAIL** (48" DIA. & UNDER)

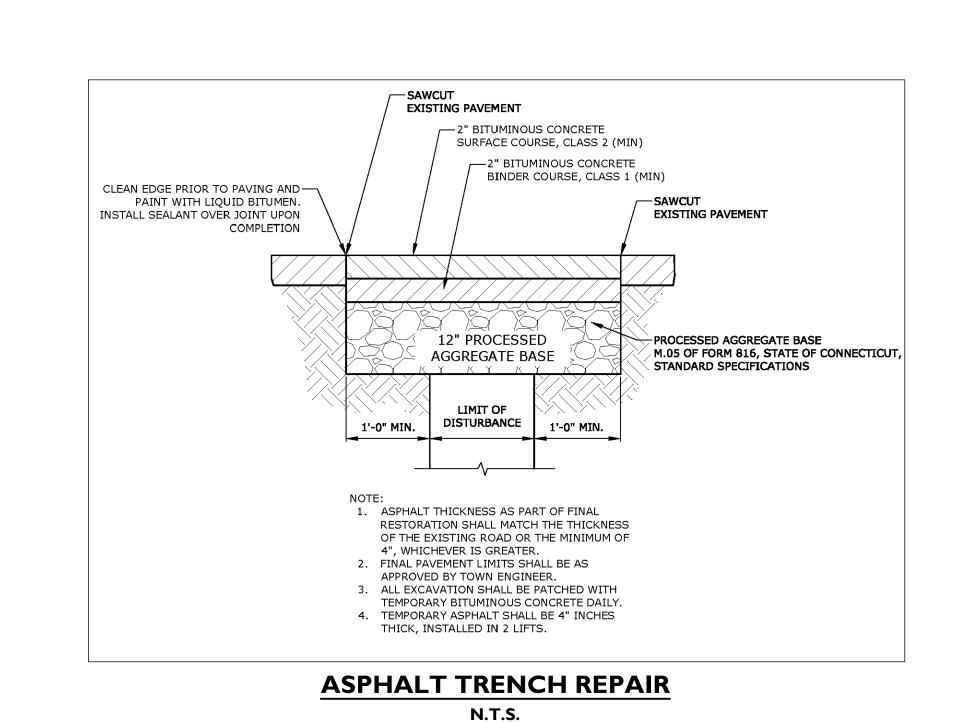
N.T.S.



N.T.S.



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#### MILL 2" OF EXISTING ASPHALT TOP — COURSE AND INSTALL 2" ASPHALT TOP COURSE, SUPERPAVE HMA S0.375 MIX. EXISTING ASPHALT BINDER COURSE EXISTING BASE MATERIAL

. TACK COAT PRIOR TO INSTALLING TOP COURSE OF ASPHALT. TACK COAT SHALL BE APPLIED TO ALL SURFACES THAT HAVE BEEN MILLED. APPLY UNIFORMLY TO EXISTING SURFACES OF PREVIOUSLY CONSTRUCTED ASPHALT OR PORTLAND CEMENT CONCRETE PAVING AND TO SURFACE ABUTTING OR PROJECTING INTO NEW, HOT-MIX ASPHALT PAVEMENT. APPLY AT A UNIFORM RATE OF 0.5 TO 0.15 GAL/SQ.YD. OF SURFACE. 1.1. ALLOW TACK COAT TO CURE UNDISTURBED BEFORE PAVING.

1.2. AVOID SMEARING OR STAINING ADJOINING SURFACES, APPURTENANCES, AND SURROUNDINGS. REMOVE SPILLAGES AND CLEAN AFFECTED SURFACES. 2. EXISTING PAVEMENT DAMAGED DURING THE CONSTRUCTION DUE TO CONSTRUCTION ACTIVITIES MUST BE REPLACED AS PER THE PAVEMENT REPAIR DETAIL AT NO ADDITIONAL COST TO THE OWNER. 3. A REPUTABLE TESTING LAB SHALL PERFORM COMPACTION TESTING AS REQUIRED BY THE SITE

SHALL BE REPLACED.

ENGINEER PRIOR TO THE PLACEMENT OF PAVEMENT. COMPACTION TESTING SHALL OCCUR AT THE SUBBASE, BASE AND EACH LAYER OF PAVEMENT. 4. ALL THICKNESSES SHOWN ARE AFTER COMPACTION. 5. PRIOR TO PLACEMENT OF ASPHALT, BASE MATERIAL SHALL BE OBSERVED AND UNSUITABLE AREAS

MILL & REPAVE DETAIL

N.T.S.

SCALE: N.T.S. LAND SURVEYING CIVIL ENGINEERING PLANNING & ZONING CONSULTIN PERMITTING

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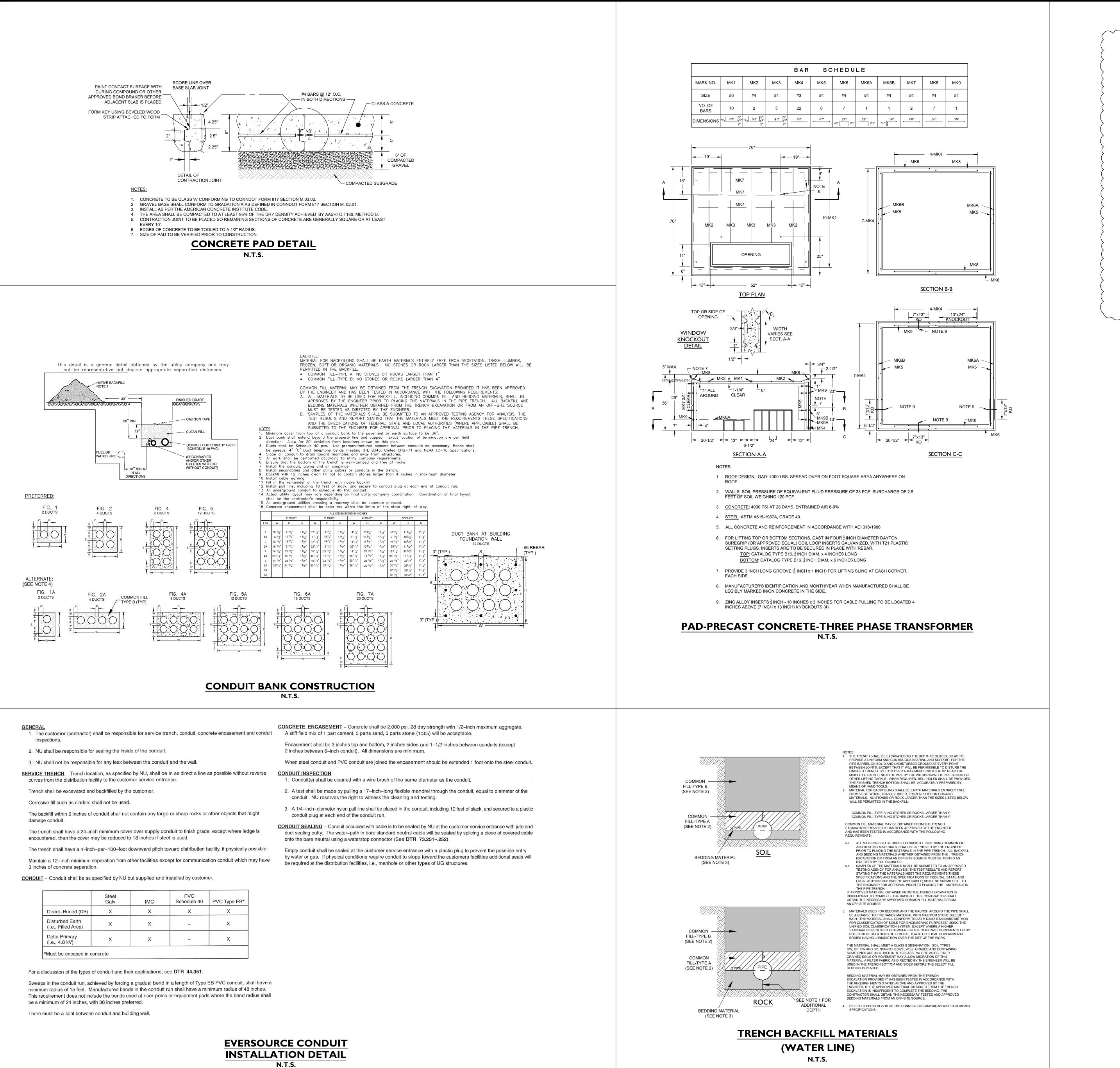
I 09/30/2022 ORIGINAL ISSUE DATE No. Date Revision **DETAILS & SOIL DATA** 12 GODFREY PLACE

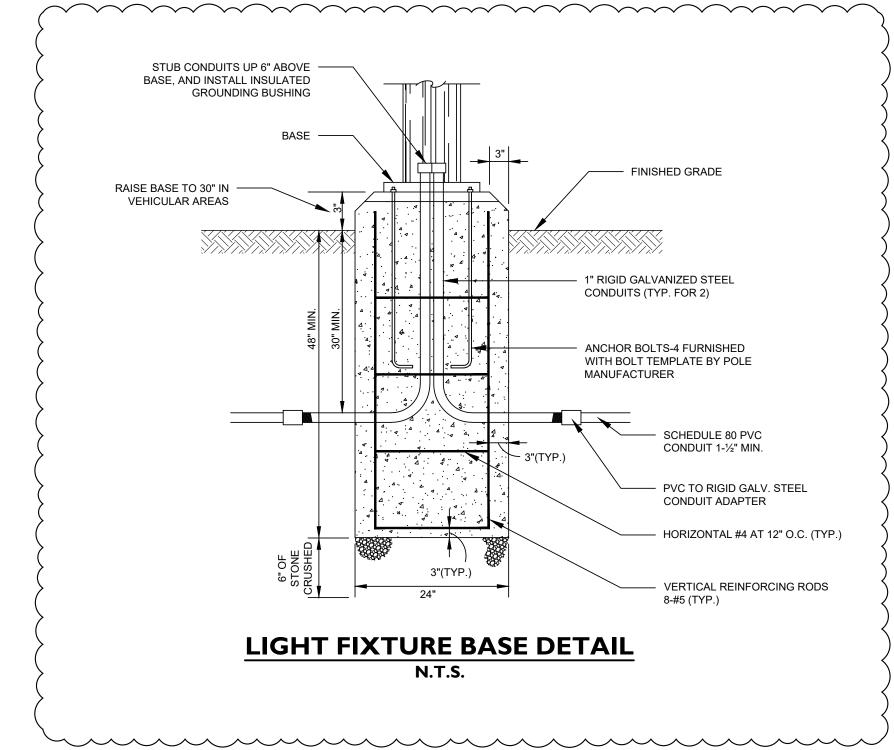
> PREPARED FOR **GREENWICH REALTY DEVELOPMENT, LLC**

2 01/02/2023 REVISED PER DPW COMMENTS

DRAWN BY: PBS CHECKED BY: CJF

22 First Street | Stamford, CT 06905 Tel: 203.327.0500 | Fax: 203.357.1118





I 09/30/2022 ORIGINAL ISSUE DATE No. Date Revision **DETAILS DEPICTING** 12 GODFREY PLACE PREPARED FOR **GREENWICH REALTY DEVELOPMENT, LLC** SCALE: N.T.S. DRAWN BY: PBS

LAND SURVEYING CIVIL ENGINEERING Planning & Zoning Consulti PERMITTING 22 First Street | Stamford, CT 06905

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CHECKED BY: CJF